

# TSD File Inventory Index

Date: January 8, 2002

Initial: CMK/rened

Facility Name: <u>Acme Refining &amp; Transportation &amp; Metal Co. (in Idaho)</u>			
Facility Identification Number: <u>1LT 180 014 839</u>			
<b>A.1 General Correspondence</b>		<b>B.2 Permit Docket (B.1.2)</b>	
<b>A.2 Part A / Interim Status</b>		<b>.1 Correspondence</b>	
<b>.1 Correspondence</b>		<b>.2 All Other Permitting Documents (Not Part of the ARA)</b>	
<b>.2 Notification and Acknowledgment</b>		<b>C.1 Compliance - (Inspection Reports)</b>	
<b>.3 Part A Application and Amendments</b>		<b>C.2 Compliance/Enforcement</b>	
<b>.4 Financial Insurance (Sudden, Non Sudden)</b>		<b>.1 Land Disposal Restriction Notifications</b>	
<b>.5 Change Under Interim Status Requests</b>		<b>.2 Import/Export Notifications</b>	
<b>.6 Annual and Biennial Reports</b>		<b>C.3 FOIA Exemptions - Non-Releasable Documents</b>	
<b>A.3 Groundwater Monitoring</b>		<b>D.1 Corrective Action/Facility Assessment</b>	
<b>.1 Correspondence</b>		<b>.1 RFA Correspondence</b>	
<b>.2 Reports</b>		<b>.2 Background Reports, Supporting Docs and Studies</b>	
<b>A.4 Closure/Post Closure</b>		<b>.3 State Prelim. Investigation Memos</b>	
<b>.1 Correspondence</b>		<b>.4 RFA Reports</b>	
<b>.2 Closure/Post Closure Plans, Certificates, etc</b>		<b>D. 2 Corrective Action/Facility Investigation</b>	
<b>A.5 Ambient Air Monitoring</b>		<b>.1 RFI Correspondence</b>	
<b>.1 Correspondence</b>		<b>.2 RFI Workplan</b>	
<b>.2 Reports</b>		<b>.3 RFI Program Reports and Oversight</b>	
<b>B.1 Administrative Record</b>		<b>.4 RFI Draft /Final Report</b>	

Total - 1

.5 RFI QAPP		.7 Lab data, Soil Sampling/Groundwater	
.6 RFI QAPP Correspondence		.8 Progress Reports	
.7 Lab Data, Soil-Sampling/Groundwater		<b>D.5 Corrective Action/Enforcement</b>	
.8 RFI Progress Reports		.1 Administrative Record 3008(h) Order	
.9 Interim Measures Correspondence		.2 Other Non-AR Documents	
.10 Interim Measures Workplan and Reports		<b>D.6 Environmental Indicator Determinations</b>	
<b>D.3 Corrective Action/Remediation Study</b>		.1 Forms/Checklists	
.1 CMS Correspondence		<b>E. Boilers and Industrial Furnaces (BIF)</b>	
.2 Interim Measures		.1 Correspondence	
.3 CMS Workplan		.2 Reports	
.4 CMS Draft/Final Report		<b>F Imagery/Special Studies</b> (Videos, photos, disks, maps, blueprints, drawings, and other special materials.)	
.5 Stabilization		<b>G.1 Risk Assessment</b>	
.6 CMS Progress Reports		.1 Human/Ecological Assessment	
.7 Lab Data, Soil-Sampling/Groundwater		.2 Compliance and Enforcement	
<b>D.4 Corrective Action Remediation Implementation</b>		.3 Enforcement Confidential	
.1 CMI Correspondence		.4 Ecological - Administrative Record	
.2 CMI Workplan		.5 Permitting	
.3 CMI Program Reports and Oversight		.6 Corrective Action Remediation Study	
.4 CMI Draft/Final Reports		.7 Corrective Action/Remediation Implementation	
.5 CMI QAPP		.8 Endangered Species Act	
.6 CMI Correspondence		.9 Environmental Justice	

Note: Transmittal Letter to Be Included with Reports.

Comments: *Documents do not justify individual folder for each document*



UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION V  
111 West Jackson Blvd.  
CHICAGO, ILLINOIS 60604

*file*

REPLY TO ATTENTION OF:  
RCRA ACTIVITIES

DEC 15 1982

BARON LARRY VICE PRESIDENT  
ACME REFINING SCRAP IRON & METAL CO

FACILITY: ACME REFINING SCRAP IRON & METAL CO  
LOCATION: 829 W 22ND PLACE  
ID NO.: ILT180014839

Dear Applicant:

RE: U.S. EPA Identification Number Change

This is to inform you that the United States Environmental Protection Agency (U.S. EPA) will be changing your temporary (T) identification number to a permanent (D) one. The label below shows your current temporary number as "OLD T NO." and the new permanent number as "NEW D NO."

OLD I.D. NO.: ILT180014839

NEW I.D. NO.: ILD980794952

*didn't change to  
this number*

In order to provide your facility with adequate time to convert to the permanent U.S. EPA identification number, we will make the change in our computer system effective January 1, 1983. This will allow you to use your temporary identification number until the end of the calendar year and, thus, cover all 1982 hazardous waste handled under one number for your annual report.

We have coordinated the identification number change with your State hazardous waste management office. The State has a listing of your old and new numbers.

Please contact Mr. Arthur Kawatachi of my staff at (312) 886-7449, if you have any questions regarding this matter.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief  
Waste Management Branch

cc: Facility owner



U.S. ENVIRONMENTAL PROTECTION AGENCY  
NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

RECEIVED

SEP 23 1985

PLEASE PLACE LABEL IN THIS SPACE

SWB - AIS  
U.S. EPA, REGION V

**INSTRUCTIONS:** If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

## FOR OFFICIAL USE ONLY

## COMMENTS

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED  
(yr., mo., & day)

## I. NAME OF INSTALLATION

CHEMISPHERES STORAGE #1

## II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

3530 W. ESTERDEMPSTER STREET

CITY OR TOWN

ST.

ZIP CODE

SROKIE ILLINOIS

IL 60077

## III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

5829 WEST 22ND PLACE

CITY OR TOWN

ST.

ZIP CODE

CHICAGO

IL 60607

## IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, &amp; job title)

PHONE NO. (area code &amp; no.)

CHARLES W. MCKIEL JR.

312-966-4100

## V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

CHEMISHERE INCORPORATED

B. TYPE OF OWNERSHIP  
(enter the appropriate letter into box)

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

F = FEDERAL  
M = NON-FEDERAL

M

☐ A. GENERATION☐ B. TRANSPORTATION (complete item VII)☒ C. TREAT/STORE/DISPOSE☐ D. UNDERGROUND INJECTION

## VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR☐ B. RAIL☐ C. HIGHWAY☐ D. WATER☐ E. OTHER (specify):

## VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

☐ A. FIRST NOTIFICATION☒ B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.

ILD072344542

## IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.



W

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## IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
7	8	9	10	11	12
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
19	20	21	22	23	24
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
25	26	27	28	29	30
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
37	38	39	40	41	42
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26
43	44	45	46	47	48
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54
23 - 26	23 - 26	23 - 26	23 - 26	23 - 26	23 - 26

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☐ 1. IGNITABLE  
(D001)

☐ 2. CORROSIVE  
(D002)

☐ 3. REACTIVE  
(D003)

☐ 4. TOXIC  
(D000)

## X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

NAME &amp; OFFICIAL TITLE (type or print)

DATE SIGNED

 CHARLES W. MCKIEL JR 9/19/85



**IX. DESCRIPTION OF HAZARDOUS WASTES** (continued from front)

**A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES.** Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F 0 0 1	2 F 0 0 2	3 F 0 0 3	4 F 0 0 4	5 F 0 0 5	6 
7 	8 	9 	10 	11 	12 

**B. HAZARDOUS WASTES FROM SPECIFIC SOURCES.** Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13 K 0 4 5	14 K 0 5 1	15 K 0 7 8	16 	17 	18 
19 	20 	21 	22 	23 	24 
25 	26 	27 	28 	29 	30 

**C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES.** Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 	32 	33 	34 	35 	36 
37 	38 	39 	40 	41 	42 
43 	44 	45 	46 	47 	48 

**D. LISTED INFECTIOUS WASTES.** Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49 	50 	51 	52 	53 	54 
--------	--------	--------	--------	--------	--------

**E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES.** Enter the four-digit number from 40 CFR Part 261.21 - 261.24 for each non-listed hazardous waste your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☒ 1. IGNITABLE  
(D001)

☒ 2. CORROSIVE  
(D002)

☐ 3. REACTIVE  
(D003)

☒ 4. TOXIC  
(D004)

**X. CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE

*[Handwritten Signature]*

NAME & OFFICIAL TITLE (type or print)

CHARLES W. MC KIEL, JR., PRESIDENT

DATE SIGNED

9/9/85





CHEMISPHERE INCORPORATED  
ENVIRONMENTAL SERVICES

RECEIVED

September 17, 1985

SEP 23 1985

SWB - AIS  
U.S. EPA, REGION V

Ms. Ann Brash  
RCRA Activities  
Region V  
P.O. Box A3587  
Chicago, Illinois 60690

ILD 072 344 542 JR

Dear Ms. Brash:

ILT 180014839 G, TRS, TSD, PA-9

Per our conversation, Chemisphere Inc. is sending you:

1. A corrected R.C.R.A. Notification Form and a R.C.R.A. Part A reflecting the Storage Facility's address at 829 W. 22nd. Place, Chicago, Illinois.
2. A copy of the original 22nd. Place U.S.E.P.A. Acknowledgement of Notification of Hazardous Waste Activity.
3. A copy of the original RCRA Notification and RCRA Part A Acme Refining Scrap Iron and Metal Company filed with Region V in May, 1980.

Sincerely yours,

Victor Crivello  
Environmental Operations

VC:mjt

Enc.



FORM 1 GENERAL		ENVIRONMENTAL PROTECTION AGENCY GENERAL INFORMATION <i>Consolidated Permits Program</i> (Read the "General Instructions" before starting.)		I. EPA I.D. NUMBER	
		PLEASE PLACE LABEL IN THIS SPACE		GENERAL INSTRUCTIONS If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.	
I. EPA I.D. NUMBER					
III. FACILITY NAME					
V. FACILITY MAILING ADDRESS					
VI. FACILITY LOCATION					
II. POLLUTANT CHARACTERISTICS					
INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.					
SPECIFIC QUESTIONS		MARK "X"		SPECIFIC QUESTIONS	
		YES	NO	FORM ATTACHED	
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
III. NAME OF FACILITY					
1 SKIP CHEMISPHERE STORAGE #1					
IV. FACILITY CONTACT					
A. NAME & TITLE (last, first, & title)			B. PHONE (area code & no.)		
2 MCKIEL CHARLES W. JR. PRES.					
V. FACILITY MAILING ADDRESS					
A. STREET OR P.O. BOX					
3 5301 W. DEMPSTER					
B. CITY OR TOWN				C. STATE	D. ZIP CODE
4 SKOKIE				IL	60077
VI. FACILITY LOCATION					
A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER					
5 829 W. 22ND PLACE					
B. COUNTY NAME					
COOK					
C. CITY OR TOWN				D. STATE	E. ZIP CODE
6 CHICAGO				IL	60607

CONTINUED FROM THE FRONT

## VII. SIC CODES (4-digit, in order of priority)

A. FIRST				B. SECOND			
7			(specify)	7			(specify)
13	14	15	16	13	14	15	16
C. THIRD				D. FOURTH			
7			(specify)	7			(specify)
13	14	15	16	13	14	15	16

## VIII. OPERATOR INFORMATION

A. NAME		B. Is the name listed in Item VIII-A also the owner?
8	CHEMISPHERE INC.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
13	14	55

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)		D. PHONE (area code & no.)	
F = FEDERAL S = STATE P = PRIVATE	M = PUBLIC (other than federal or state) O = OTHER (specify)	P	(specify)
		3	12 96 6 4 01 0
		13	14 15 16 17 18 19 20

E. STREET OR P.O. BOX	
26	

F. CITY OR TOWN	G. STATE	H. ZIP CODE	IX. INDIAN LAND
B			Is the facility located on Indian lands?
13	14	40 41 42 43 44 45 46	<input type="checkbox"/> YES <input type="checkbox"/> NO
			52

## X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)		D. PSD (Air Emissions from Proposed Sources)	
9	N	9	P
13	14 15 16 17 18	30	31 32 33 34 35 36
B. UIC (Underground Injection of Fluids)		E. OTHER (specify)	
9	U	9	1 9 8 1-1 0-D E
13	14 15 16 17 18	30	31 32 33 34 35 36
C. RCRA (Hazardous Wastes)		E. OTHER (specify)	
9	R	9	
13	14 15 16 17 18	30	31 32 33 34 35 36

## XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

## XII. NATURE OF BUSINESS (provide a brief description)

PROVIDES STORAGE AND CONSOLIDATION SERVICES TO GENERATORS OF HAZARDOUS WASTE IN REGION V

## XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
CHARLES W. MC KIEL, JR., PRESIDENT		9/19/85

COMMENTS FOR OFFICIAL USE ONLY
C
13 14

**FORM 3** **EPA** **HAZARDOUS WASTE PERMIT APPLICATION**  
Consolidated Permits Program  
(This information is required under Section 3005 of RCRA.)

**I. EPA I.D. NUMBER**  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00

**FOR OFFICIAL USE ONLY**  
APPLICATION APPROVED DATE RECEIVED (yr., mo., & day) COMMENTS

**II. FIRST OR REVISED APPLICATION**

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

**A. FIRST APPLICATION** (place an "X" below and provide the appropriate date)  
☒ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)  
YR. MO. DAY  
8 7 9 0 2 0 1  
FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)  
☐ 2. NEW FACILITY (Complete item below.)  
YR. MO. DAY  
7 3 7 4 7 5 7 6 7 7 7 8

**B. REVISED APPLICATION** (place an "X" below and complete item I above)  
☒ 1. FACILITY HAS INTERIM STATUS  
☐ 2. FACILITY HAS A RCRA PERMIT

**III. PROCESSES - CODES AND DESIGN CAPACITIES**

**A. PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (item III-C).

**B. PROCESS DESIGN CAPACITY** - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.  
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
<b>Storage:</b>			<b>Treatment:</b>		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS		T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	SURFACE IMPOUNDMENT		
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR
<b>Disposal:</b>				T04	GALLONS PER HOUR OR LITERS PER HOUR
INJECTION WELL	D79	GALLONS OR LITERS	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or inciner- ators. Describe the processes in the space provided: Item III-C.)		
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			
UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	G
GALLONS PER DAY	U	LITERS PER HOUR	H		

**EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below):** A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

**C** **DUP** **T/A/C** **I**

LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)	2. UNIT OF MEAS- URE (enter code)				1. AMOUNT	2. UNIT OF MEAS- URE (enter code)	
X-1	S 0 2	600	G		5				
X-2	T 0 3	20	E		6				
1	S 0 1	2,600	6		7				
2					8				
3					9				
4					10				



**III. PROCESSES (continued)**

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

**IV. DESCRIPTION OF HAZARDOUS WASTES**

**A. EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

**B. ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

**C. UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE                      CODE  
POUNDS. . . . . P  
TONS. . . . . T

METRIC UNIT OF MEASURE                      CODE  
KILOGRAMS. . . . . K  
METRIC TONS. . . . . M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

**D. PROCESSES****1. PROCESS CODES:**

**For listed hazardous waste:** For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

**For non-listed hazardous wastes:** For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**Notes:** Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

**2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below)** — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY													
W I L D O 7 2 3 4 5 4 2 1													W DUP 2 DUP													
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																										
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)			B. ESTIMATED ANNUAL QUANTITY OF WASTE			C. UNIT OF MEASURE (enter code)		D. PROCESSES																	
	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1	D	0	00		31,200			6	S	04																
2	D	0	01		Included w/above																					
3	D	0	02		"		"																			
4	F	0	01		"		"																			
5	F	0	02		"		"																			
6	F	0	04		"		"																			
7	F	0	05		"		"																			
8	K	0	49		"		"																			
9	K	0	51																							
10	K	0	78		"		"																			
11																										
12																										
13																										
14																										
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22																										
23																										
24																										
25																										
26																										

## IV. DESCRIPTION OF HAZARDOUS WASTE (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

F I L D 0 7 2 3 4 4 5 4 2 6

## V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

## VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

## VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, &amp; seconds)

LONGITUDE (degrees, minutes, &amp; seconds)

41° 51' 04" N

87° 03' 21" W

## VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code &amp; no.)

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

## IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

CHARLES W. MC KIEL, JR.

## X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

CHARLES W. MC KIEL, JR.





ACKNOWLEDGEMENT OF NOTIFICATION  
OF HAZARDOUS WASTE ACTIVITY  
(VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

ILT180014839

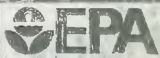
REACKNOWLEDGEMENT

ACME REFINING SCRAP IRON & METAL CO  
17 N MAY ST  
CHICAGO IL 60607

INSTALLATION ADDRESS

829 W 22ND PLACE  
CHICAGO

IL 60608



U.S. ENVIRONMENTAL PROTECTION AGENCY

## NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

INSTALLATION'S EPA I.D. NO.

I. NAME OF INSTALLATION

II. INSTALLATION MAILING ADDRESS

PLEASE PLACE LABEL IN THIS SPACE

002278 JUN-581

III. LOCATION OF INSTALLATION

INSTRUCTIONS: If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

## FOR OFFICIAL USE ONLY

## COMMENTS

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED  
(yr., mo., & day)

F 1LT18001483921 A 801120

I. NAME OF INSTALLATION

ACME REFINING SCRAP IRON &amp; METAL CO

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

317 W MAY ST

CITY OR TOWN

ST.

ZIP CODE

CHICAGO

IL 60607

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

5829 W 22ND PLACE

CITY OR TOWN

ST.

ZIP CODE

CHICAGO

IL 60608

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, &amp; job title)

PHONE NO. (area code &amp; no.)

2 BARON LARRY VICE PRESIDENT

312-226-3893

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

8 ACME REFINING SCRAP IRON &amp; METAL CO

B. TYPE OF OWNERSHIP  
(enter the appropriate letter into box)

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

F = FEDERAL  
M = NON-FEDERAL

M

☒ A. GENERATION☒ B. TRANSPORTATION (complete item VII)☒ C. TREAT/STORE/DISPOSE☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR☐ B. RAIL☒ C. HIGHWAY☐ D. WATER☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

C. INSTALLATION'S EPA I.D. NO.

☒ A. FIRST NOTIFICATION☒ B. SUBSEQUENT NOTIFICATION (complete item C)

ILD072344542

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.



W 1 L D 0 7 2 3 4 4 5 4 1 2 1

## IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1 F001 23 - 26	2 F002 23 - 26	3 F003 23 - 26	4 F004 23 - 26	5 F005 23 - 26	6 23 - 26
7 23 - 26	8 23 - 26	9 23 - 26	10 23 - 26	11 23 - 26	12 23 - 26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13 K049 23 - 26	14 K051 23 - 26	15 K078 23 - 26	16 23 - 26	17 23 - 26	18 23 - 26
19 23 - 26	20 23 - 26	21 23 - 26	22 23 - 26	23 23 - 26	24 23 - 26
25 23 - 26	26 23 - 26	27 23 - 26	28 23 - 26	29 23 - 26	30 23 - 26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31 23 - 26	32 23 - 26	33 23 - 26	34 23 - 26	35 23 - 26	36 23 - 26
37 23 - 26	38 23 - 26	39 23 - 26	40 23 - 26	41 23 - 26	42 23 - 26
43 23 - 26	44 23 - 26	45 23 - 26	46 23 - 26	47 23 - 26	48 23 - 26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49 23 - 26	50 23 - 26	51 23 - 26	52 23 - 26	53 23 - 26	54 23 - 26
---------------	---------------	---------------	---------------	---------------	---------------

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☒ 1. IGNITABLE  
(D001)


☒ 2. CORROSIVE  
(D002)

☐ 3. REACTIVE  
(D003)

☒ 4. TOXIC  
(D000)

## X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE 	NAME & OFFICIAL TITLE (type or print) LARRY BARON, VICE PRESIDENT	DATE SIGNED 11-19-80
-------------------------------------------------------------------------------------------------	----------------------------------------------------------------------	-------------------------





CHEMISPHERE INCORPORATED  
ENVIRONMENTAL SERVICES

RECEIVED

September 17, 1985

SEP 23 1985

SWB - AIS  
U.S. EPA, REGION V

Ms. Ann Brash  
RCRA Activities  
Region V  
P.O. Box A3587  
Chicago, Illinois 60690

ILP072344542JR

Dear Ms. Brash:

ILT 180014839 G, TRS, TSD, PA-9

Per our conversation, Chemisphere Inc. is sending you:

1. A corrected R.C.R.A. Notification Form and a R.C.R.A. Part A reflecting the Storage Facility's address at 829 W. 22nd. Place, Chicago, Illinois.
2. A copy of the original 22nd. Place U.S.E.P.A. Acknowledgement of Notification of Hazardous Waste Activity.
3. A copy of the original RCRA Notification and RCRA Part A Acme Refining Scrap Iron and Metal Company filed with Region V in May, 1980.

Sincerely yours,

Victor Crivello  
Environmental Operations

VC:mjt

Enc.

DEC 2 1982

Mr. Larry C. Baron, Vice President  
Acme Refining Scrap Iron and Metal Company Inc.  
825 W. 22nd Place  
Chicago, Illinois 60608

RE: ILT 180014839

Dear Mr. Baron:

Thank you for your letter of April 28, 1982, to the United States Environmental Protection Agency (U.S. EPA) in which you requested changes in your facility's Part A permit application. Increases in the design capacity of processes used at a facility may be made if the owner or operator submits a revised Part A permit application prior to such a change (along with a justification explaining the need for the change) and the Director approves the change because of a lack of available treatment, storage, or disposal capacity at other hazardous waste management facilities.

Attached to this letter are the Part A permit application forms which must be submitted to the U.S. EPA (along with a justification) in order for your company to receive the Director's approval so that you may proceed with your facility's proposed changes. Incidentally your U.S. EPA ID number is ILT 180014839, not ILD 072344542. The ILD 072344542 number is for transportation only.

Please contact Mr. Greg Heber of my staff, at (312) 806-3719, if you need additional information.

Sincerely,

William H. Miner, Chief  
Technical, Permits, and Compliance Section

cc: Tom E. Cavanagh, Jr., LEPA

bcc: R. STONE  
Part A file

5HM-TUH:G. WEBER:ad 11/29/82

**FORM 1**  
**GENERAL**  
**EPA**  
**ENVIRONMENTAL PROTECTION AGENCY**  
**GENERAL INFORMATION**  
Consolidated Permits Program  
(Read the "General Instructions" before starting.)

I. EPA I.D. NUMBER

F

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

## GENERAL INSTRUCTIONS

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

PLEASE PLACE LABEL IN THIS SPACE

## II. POLLUTANT CHARACTERISTICS

INSTRUCTIONS: Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)				D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

## III. NAME OF FACILITY

1 SKIP CHEMISPHERE STORAGE #1

## IV. FACILITY CONTACT

A. NAME & TITLE (last, first, & title)	B. PHONE (area code & no.)
2 MCKTEL CHARLES W JR PRES	

## V. FACILITY MAILING ADDRESS

A. STREET OR P.O. BOX	B. CITY OR TOWN	C. STATE	D. ZIP CODE
3 5301 W. DEMPSTER	SKOKIE	IL	60077

## VI. FACILITY LOCATION

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER	B. COUNTY NAME	C. CITY OR TOWN	D. STATE	E. ZIP CODE	F. COUNTY CODE (if known)
5 829 W. 22ND PLACE	COOK	CHICAGO	IL	60607	

**FORM 3**  
**RCRA**

**EPA**

**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**HAZARDOUS WASTE PERMIT APPLICATION**  
*Consolidated Permits Program*  
(This information is required under Section 3005 of RCRA.)

**I. EPA I.D. NUMBER**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

**FOR OFFICIAL USE ONLY**

APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	COMMENTS
13	14 15 16 17 18 19	

**II. FIRST OR REVISED APPLICATION**

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

**A. FIRST APPLICATION (place an "X" below and provide the appropriate date)**

☒ 1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)

☐ 2. NEW FACILITY (Complete item below.)

FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR IS EXPECTED TO BEGIN

**B. REVISED APPLICATION (place an "X" below and complete item I above)**

☒ 1. FACILITY HAS INTERIM STATUS

☐ 2. FACILITY HAS A RCRA PERMIT

**III. PROCESSES - CODES AND DESIGN CAPACITIES**

**A. PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

**B. PROCESS DESIGN CAPACITY** - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
<b>Storage:</b>		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS
TANK	S02	GALLONS OR LITERS
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS
<b>Disposal:</b>		
INJECTION WELL	D79	GALLONS OR LITERS
LANDFILL	D80	ACRE-Feet (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER
LAND APPLICATION	D81	ACRES OR HECTARES
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS

**Treatment:**

PROCESS	PROCESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
TANK	T01	GALLONS PER DAY OR LITERS PER DAY
SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided: Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
LITERS	L
CUBIC YARDS	Y
CUBIC METERS	C
GALLONS PER DAY	U

UNIT OF MEASURE	UNIT OF MEASURE CODE
LITERS PER DAY	V
TONS PER HOUR	D
METRIC TONS PER HOUR	W
GALLONS PER HOUR	E
LITERS PER HOUR	H

UNIT OF MEASURE	UNIT OF MEASURE CODE
ACRE-Feet	A
HECTARE-METER	F
ACRES	B
HECTARES	O

**EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below):** A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

C										T/A/C										I									
1 2 3 4 5 6 7 8 9 10										11 12 13 14 15 16 17 18 19 20										21 22 23 24 25 26 27 28 29 30									
DUP																													
LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY																				
		1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)				1. AMOUNT	2. UNIT OF MEASURE (enter code)																					
X-1	S 0 2	600	G		5																								
X-2	T 0 3	20	E		6																								
1	S 0 1	2,600	6		7																								
2					8																								
3					9																								
4					10																								



EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY												
W I L D O 7 2 3 4 4 5 4 2 1													W DUP 2 DUP												
IV. DESCRIPTION OF HAZARDOUS WASTES (continued)																									
WASTE NO.	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE				C. UNIT OF MEASURE (enter code)	D. PROCESSES															
										1. PROCESS CODES (enter)								2. PROCESS DESCRIPTION (if a code is not entered in D(1))							
1	D	0	0	0	31,200				6	S 04															
2	D	0	0	1	Included w/above																				
3	D	0	0	2	"																				
4	F	0	0	1	"																				
5	F	0	0	2	"																				
6	F	0	0	4	"																				
7	F	0	0	5	"																				
8	K	0	4	9	"																				
9	K	0	5	1																					
10	K	0	7	8	"																				
11																									
12																									
13																									
14																									
15																									
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25																									
26																									

## IV. DESCRIPTION OF HAZARDOUS WAS.

(continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

EPA I.D. NO. (enter from page 1)

FI L D 07 2 34 4 54 2 6

## V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

## VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

## VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, &amp; seconds)

41° 51' 04"

LONGITUDE (degrees, minutes, &amp; seconds)

87° 03' 45"

## VIII. FACILITY OWNER

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code &amp; no.)

E

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

F G

## IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

CHARLES W. MC KIEL, JR.

## X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

B. SIGNATURE

C. DATE SIGNED

CHARLES W. MC KIEL, JR.

9/19/85



<b>FORM 1</b> <b>GENERAL</b>		<b>ENVIRONMENTAL PROTECTION AGENCY</b> <b>GENERAL INFORMATION</b> Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>	<b>I. EPA I.D. NUMBER</b> <div style="border: 1px solid black; padding: 2px; font-family: monospace; font-size: 1.2em;">             ILT180014839           </div>
<b>II. POLLUTANT CHARACTERISTICS</b> <div style="border: 1px solid black; padding: 5px; min-height: 150px;"> <p style="text-align: center; font-weight: bold;">PLEASE PLACE LABEL IN THIS SPACE</p> </div>		<b>GENERAL INSTRUCTIONS</b> <p>If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.</p>	

**INSTRUCTIONS:** Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

**III. NAME OF FACILITY**

1	SKIP	ACME REFINING SCRAP IRON & METAL CO
---	------	-------------------------------------

**IV. FACILITY CONTACT**

A. NAME & TITLE (last, first, & title)	B. PHONE (area code & no.)
2 BARON, LARRY VICE PRESIDENT	312 226 3893

**V. FACILITY MAILING ADDRESS**

A. STREET OR P.O. BOX			
3 17 N. MAY ST			
B. CITY OR TOWN		C. STATE	D. ZIP CODE
4 CHICAGO		IL	60607

**VI. FACILITY LOCATION**

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
5 829 W 22ND PLACE			
B. COUNTY NAME			
COOK CO			
C. CITY OR TOWN		D. STATE	E. ZIP CODE
6 CHICAGO		IL	60608
		F. COUNTY CODE (if known)	



## VIII. OPERATOR INFORMATION

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)				D. PHONE (area code & no.)			
F = FEDERAL	M = PUBLIC (other than federal or state)	P	(specify)	C			
S = STATE	O = OTHER (specify)			A	312	226	3893
P = PRIVATE		36		15	10 - 10	10 - 21	22 - 28

F. CITY OR TOWN													G. STATE		H. ZIP CODE		IX. INDIAN LAND	
CHICAGO													IL		60607		Is the facility located on Indian lands? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
13 16 40 41 42 43 44 45 46 47 48 49 50 51													52					

**XI. MAP**

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

**XII. NATURE OF BUSINESS** (provide a brief description)

RECOVERY OF WASTE OIL & SOLVENTS IS SUBJECT OF THIS APPLICATION, HOWEVER THE COMPANY'S MAIN BUSINESS IS THE RECOVERY OF SCRAP METAL.

**XIII. CERTIFICATION** (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
LARRY BARON, VICE PRESIDENT		11-19-80

COMMENTS FOR OFFICIAL USE ONLY	
e	
C	



FORM 3 RCRA  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
HAZARDOUS WASTE PERMIT APPLICATION  
Consolidated Permits Program  
(This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER  
E 112072047512

FOR OFFICIAL USE ONLY

APPLICATION APPROVED DATE RECEIVED (yr., mo., & day) COMMENTS 1LT180014839

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)

1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)  
2. NEW FACILITY (Complete item below.)  
FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., & day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)

B. REVISED APPLICATION (place an "X" below and complete Item I above)

1. FACILITY HAS INTERIM STATUS  
2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or inciner- ators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
Disposal:					
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			
UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS . . . . .	G	LITERS PER DAY . . . . .	V	ACRE-FEET . . . . .	A
LITERS . . . . .	L	TONS PER HOUR . . . . .	D	HECTARE-METER . . . . .	F
CUBIC YARDS . . . . .	Y	METRIC TONS PER HOUR . . . . .	W	ACRES . . . . .	B
CUBIC METERS . . . . .	C	GALLONS PER HOUR . . . . .	E	HECTARES . . . . .	Q
GALLONS PER DAY . . . . .	U	LITERS PER HOUR . . . . .	H		

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

DUP

LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY	FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO- CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY	FOR OFFICIAL USE ONLY
1	2	1. AMOUNT (specify)	2. UNIT OF MEA- SURE (enter code)	1	2	1. AMOUNT	2. UNIT OF MEA- SURE (enter code)
X-1	S 0 2	600	G	5			
X-2	T 0 3	20	E	6			
1	S 0 1	2,600	G	7			
2				8			
3				9			
4				10			



**III. PROCESSES (continued)**

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

**IV. DESCRIPTION OF HAZARDOUS WASTES**

**A. EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

**B. ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

**C. UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE                      CODE  
POUNDS. . . . . P  
TONS. . . . . T

METRIC UNIT OF MEASURE                      CODE  
KILOGRAMS. . . . . K  
METRIC TONS. . . . . M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

**D. PROCESSES****1. PROCESS CODES:**

**For listed hazardous waste:** For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

**For non-listed hazardous wastes:** For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**Note:** Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

**2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below)** — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above



Continued from page 2.

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561

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

Form Approved OMB No. 158-S80004

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY												
W 16 00 77 34 45 42													W 1 2 DUP												
DESCRIPTION OF HAZARDOUS WASTES (continued)																									
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																					
				1. PROCESS CODES (enter)								2. PROCESS DESCRIPTION (if a code is not entered in D(1))													
1	D000	31,200 (600 DRUMS)	G	501																					
2	D001	INCLUDED WITH ABOVE																							
3	D002	" " "																							
4	F001	" " "																							
5	F002	" " "																							
6	F003	" " "																							
7	F004	" " "																							
8	F005	" " "																							
9	K049	" " "																							
10	K051	" " "																							
11	K078	" " "																							
12	→	" " "																							
13																									
14																									
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24																									
25																									
26																									

OTHER WASTE OIL &amp; SOLVENT RECOVERED



**IV. DESCRIPTION OF HAZARDOUS WASTES** (continued)**E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.**

1LT180014839

EPA I.D. NO. (enter from page 1)

3	4	5	6	7	8	9	10	11	12	13	14	15
F	E	L	D	0	7	2	3	4	4	5	4	2
											6	

**V. FACILITY DRAWING**

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

**VI. PHOTOGRAPHS**

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

**VII. FACILITY GEOGRAPHIC LOCATION**

LATITUDE (degrees, minutes, &amp; seconds)

LONGITUDE (degrees, minutes, &amp; seconds)

41° 51' 04"

87° 38' 45"

**VIII. FACILITY OWNER**

☒ A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code &amp; no.)

E																			
3. STREET OR P.O. BOX										4. CITY OR TOWN									
F										G									
5. ST.										6. ZIP CODE									

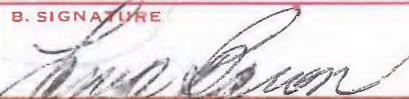
**IX. OWNER CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

LARRY BARON, VICE PRESIDENT

B. SIGNATURE



C. DATE SIGNED

11-19-80

**X. OPERATOR CERTIFICATION**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

LARRY BARON, VICE PRESIDENT

B. SIGNATURE



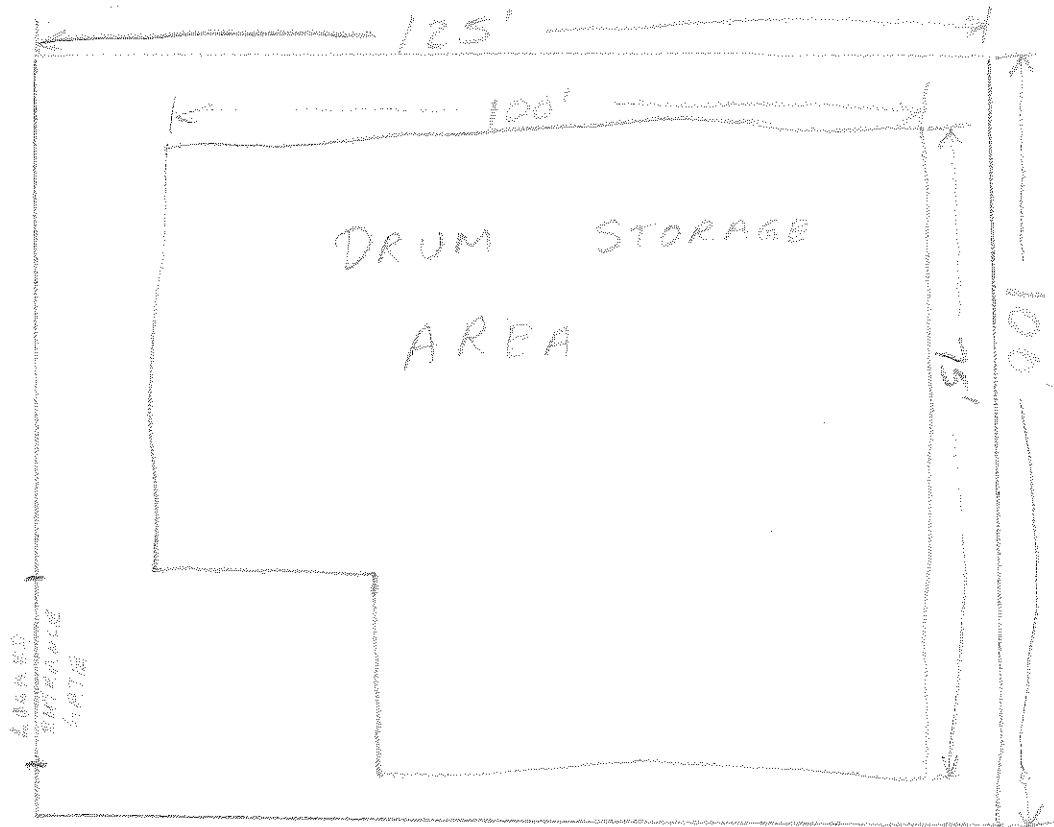
C. DATE SIGNED

11-19-80

## V. FACILITY DRAWING (see page 4)

HALSTEAD ST.

W. 22ND PLACE



NOTE:

FENCE COMPLETELY ENCLOSES FACILITY

OTHER ACME SCRAP IRON & METAL  
OPERATION AREA

North

SCALE 1" = 25'

ACME REFINING, SCRAP IRON &amp; METAL CO.



*needed  
change of ownership*



CHEMISPHERE INCORPORATED  
ENVIRONMENTAL SERVICES

*Store  
for  
LESS  
than 90*

RECEIVED  
OCT 18 1982  
WASTE MANAGEMENT BRANCH  
EPA REGION V

October 15, 1982

Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Attention: Mr. Thomas E. Cavanagh, Jr.  
Manager, Permit Section  
Division of Land Pollution Control

Subject: 03166801 - Cook County, Chicago  
Acme Refining Scrap Iron and Metal Company, Inc.  
Permit No. 1981-10-DE  
Supplemental Permit No. 1982-89

*12180014839 6 T 150  
PA non-reg.*

Dear Mr. Cavanagh:

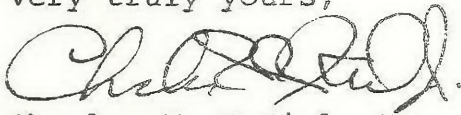
On October 1, 1982, Chemisphere Incorporated purchased the site occupied by subject company.

We respectfully request that all future correspondence and matters pertaining to this site be directed to Chemisphere Incorporated, at 631 Busse Road, Bensenville, Illinois, 60106.

It is possible that we will take possession on January 1, 1983, and certainly not later than May 15, 1983. We will, of course, advise you when actual possession takes place.

For your information, Chemisphere Incorporated is the new registered name of ZYX Corp. This name change became effective June 16, 1982. Information regarding the prior activities of ZYX Corp should be in your files. If you require additional information, please let us know.

Very truly yours,

  
Charles W. McKiel, Jr.

CWM;mjt

cc: Ms. Karen McKenna  
Mr. David Homer, USEPA

RECEIVED  
10/20/82





## ACME REFINING SCRAP IRON & METAL COMPANY, INC.

YARD:  
825 W. 22nd PLACE  
CHICAGO, ILLINOIS 60608  
312/226-3893

17 N. MAY STREET CHICAGO, ILLINOIS 60607 312/226-3893

11D072344542

*Transportation only*

April 28, 1982

12T1800 14839 g TTDPA

RECEIVED

MAY 6 1982

RCRA Activities  
Region V  
P. O. Box 3587  
Chicago, Illinois 60690

WASTE MANAGEMENT BRANCH  
EPA REGION V

Gentlemen:

The purpose of this letter is to correct information by ACME Refining Scrap Iron and Metal Company (USEPA ID Number 11D072344542) submitted to USEPA on the Hazardous Waste Part "A" Permit Application Form 3510-3 (6/80) in November, 1980 and also to inform USEPA of plans to construct a simple secure building to cover the existing drum storage and handling area. The building's capital cost will not exceed 50 percent of the capital cost of a comparable new HWM facility and will result in a safer and more esthetically pleasing appearance.

Subsequent review of the RCRA Regulations covering Notification and TSD Permit Requirements by our consultant has disclosed that our Part "A" Interim Status Permit Application submission may have reflected the existing storage area's minimum design storage and process capacity rather than the maximum design storage and process capacity. It was intended for the unit of measure to mean "gallons per hour" rather than merely "gallons" which doesn't reflect an ongoing process but rather a static condition, however, we now understand that USEPA interprets the information submitted as the maximum gallons to be stored at any one time. We based the previous decision on a conversation with a Regional USEPA employee over the telephone. Anyway, to correct that error, we respectfully submit the following information:

Item 1. -- III. Process Codes and Design Capacities, Part "C", line 1, SOI Process Storage should read 260,000 "G" rather than 2,600 "G" thus reflecting the maximum existing storage and processing rather than a minimum process rate per hour as we meant before.

Item 2. -- IV. Description of Hazardous Waste by EPA Number and estimated quantity of each is apparently unclear. We listed the estimated annual quantity of each waste in gallons which is not a correct unit of measure.

RECEIVED  
5/07/82

April 28, 1982

The "G" for each of the listed II waste streams should be changed to a "T" and line 12 was meant to be "all inclusive". But, to be specific, please insert the following specific Hazardous Wastes in lines 12 through 24.

12. F008	16. U112	20. U220
13. F009	17. U154	21. U236
14. F017	18. U159	22. U228
15. U002	19. U210	23. U239

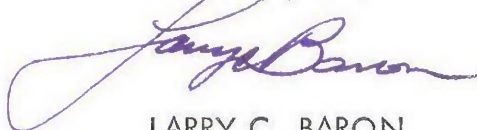
The estimated annual quantity of each waste to be 31,200 and the unit of measure should be "T" as for each of the first II wastes listed.

The Process Code is S01 and also whatever the Process Code is for the "Transfer" of drums in and out continuously for treatment, disposal or recovery to an off-site licensed facility. In addition, for your information we will require extensive pre-testing of each waste stream so it is NOT ignitable or reactive prior to our bringing it to the "transfer" facility. Except for a couple of the 23 waste streams, we are hereby delineating, actually they probably could all be included in the first II waste streams but we find that often the generator has listed the more common "U-numbers" even though the waste streams are better classified in the "F-numbers". Therefore, we request your approval of this matter.

We would appreciate a simple USEPA written notice of receipt of this corrected Part "A" Application. You may contact our Hazardous and Solid Waste Management and Engineering Regulatory Assistance Consultant, Dale Montgomery, P.E., President, Dale Montgomery and Associates, Inc., at 240 South Catherine, LaGrange, Illinois 60525, Telephone (312) 579-5379 for verification of the accuracy of this correction notice. This is basically a "transfer station" for drummed hazardous waste. We are sure you agree that with the current ban of landfilling of drums of liquid hazardous waste, that our Transfer Facility is badly needed due to current lack of interim transfer facilities such as ours and the scarcity of permanent treatment, storage, recovery or disposal facilities for the type of wastes we handle!

Thank you for your time and consideration on this matter.

Sincerely yours,



LARRY C. BARON  
Vice President

LCB:emp  
Copy to:  
Dale Montgomery, P.E.



**ACME REFINING  
SCRAP IRON & METAL  
COMPANY, INC.**

YARD:  
825 W. 22nd PLACE  
CHICAGO, ILLINOIS 60608  
312/226-3893

17 N. MAY STREET CHICAGO, ILLINOIS 60607 312/226-3893

January 20, 1982

ILD 072344592

Mr. David Homer  
UNITED STATES E. P. A.  
Region V, RCRA Activities  
P. O. Box A3587  
Chicago, Illinois 60690

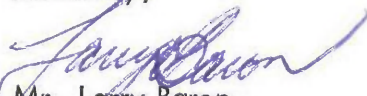
Dear Mr. Homer:

Ms. Lisa Binder from your office called me today and suggested that I put the following information in writing to you.

1. D000 does not apply to our permit.
2. Our annual weight would not be over 60,000 lbs.
3. Material is emptied on a two-week basis.

If there is any additional information I can provide, please feel free to call me.

Sincerely,

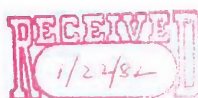
  
Mr. Larry Baron,  
Vice President

LB:sc

RECEIVED

JAN 22 1982

WASTE MANAGEMENT BRANCH  
EPA, REGION V







UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF:

5HS-JCK-13

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

U.S. EPA ID #: ILT180014839

CHEMISPHERE STORAGE NO 1  
3357 S JUSTINE  
CHICAGO

IL 60608

RE: Hazardous Waste Permit Application

Dear Permit Applicant:

As you know, you have previously submitted Part A of the Resource Conservation and Recovery Act (RCRA) permit application for the above-referenced facility. Timely submission of "the Part A" has allowed most hazardous waste management facilities to continue to operate under RCRA "interim status" (or the State program equivalent), while complying with applicable technical and record-keeping standards.

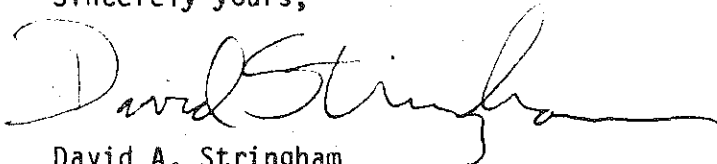
On November 8, 1984, the Hazardous and Solid Waste Amendments of 1984 (the 1984 Amendments) were enacted to modify RCRA. Under the 1984 Amendments, all RCRA permits issued after the date of enactment must provide for corrective action for all releases of hazardous waste or hazardous waste constituents from any solid waste management unit, regardless of the time at which waste was placed in the unit. In addition, all interim status facilities are subject to corrective action requirements, regardless of whether they have 1) submitted a Part B application, 2) submitted a closure plan, 3) reverted to generator status only, 4) actually closed, or 5) none of these. Unless our Agency has formally terminated the facility's interim status, the corrective action requirements apply. Please note that both hazardous and non-hazardous waste can meet the definition of solid waste under 40 CFR 261.2 (or the State regulation equivalent).

We must determine whether releases of hazardous waste or hazardous waste constituents have ever occurred at the facility site. If they have, we must ensure that corrective actions either have been taken or will be taken to eliminate threats to public health or the environment. An important element in our decision process is the information that you provide on the enclosed certification statement. Please read it carefully and either sign it and return it, or return it unsigned with a cover letter of explanation, within 45 days of the date of this letter. At some point in time, public input will be sought to either confirm or deny information you provide, or information we gather on our own, concerning releases and corrective actions.

Please mail your response to the following:

RCRA Activities  
Region V  
P. O. Box A3587  
Attention: ATKJG  
Chicago, Illinois 60690

Sincerely yours,

A handwritten signature in cursive script, reading "David Stringham". The signature is written in dark ink and is positioned above the typed name and title.

David A. Stringham  
Chief, Solid Waste Branch

Enclosure

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V

DATE: NOV 6 1985

RECEIVED

NOV 6 1985

SOLID WASTE BRANCH  
U.S. EPA, REGION V

SUBJECT: Recommended Course of Action  
for Chemisphere Storage #1

FROM: *Mem for*  
Joseph M. Boyle, Chief  
IL/IN Unit

TO: Horst Witschonke, Chief  
IL Unit, TPS

This is in response to your September 19, 1985, memorandum regarding the submission of a Part A and notification form by Chemisphere Storage #1.

My assessment of the situation is as follows:

Acme Refining Scrap Iron & Metal Company submitted a notification form for transporter activity on August 25, 1980, which indicated its location as 17 N. May Street. U.S. EPA assigned ILD 072 344 542 as the EPA identification number for that transportation activity. Later, on November 19, 1980, Acme Refining Scrap Iron & Metal Company submitted another notification form. This form, marked "subsequent" identified the activities as generation, treatment, storage, disposal and transportation. However, the location for these activities was given as 829 West 22nd Place. U.S. EPA responded to this latter notification by correctly issuing a different EPA identification number, namely, ILT 180 014 839. Also, on November 19, 1980, Acme submitted its Part A for the 22nd Place location. On that form Acme indicated its date of existence as February 1, 1979.

Chemisphere Incorporated apparently bought the 22nd Place location sometime in 1984.

On September 19, 1985, Chemisphere Incorporated submitted a subsequent notification form, which indicated TSD activity at the 22nd Place location. In filling out the form, Chemisphere erroneously used the EPA ID number still associated with Acme's transportation activity out of the May Street location. On September 19, 1985, Chemisphere Incorporated submitted a Part A, marked "revised", for container storage activity at the 22nd Place location. This form also erroneously bore the EPA ID number associated with the May Street transportation activity of Acme.

Mr. Jack Taylor, Vice President of Administration for Chemisphere Incorporated, per a telephone conversation with Ms. Zetta Thomas, on October 3, 1985, believes that interim status for the 829 W. 22nd Place location was obtained by Chemisphere Storage #1 when Chemisphere Incorporated bought the site from Acme Refining Scrap Iron & Metal Company.

However, to obtain interim status, an existing facility was required to notify by August 18, 1980. Acme notified on November 19, 1980. Therefore, Acme never had interim status, and contrary to Mr. Taylor's belief, it is impossible for Chemisphere Incorporated to have obtained interim status as a result of the purchase of 829 W. 22nd Place location.



-2-

I recommend that you notify Chemisphere Incorporated that a RCRA permit must be applied for and obtained before any construction of treatment, storage, or disposal units can begin at the site or any storage (other than that of a transfer facility) can legally take place at the 829 W. 22nd Place location.

Please advise me, if you have any evidence that illegal hazardous waste storage has occurred at this 829 W. 22nd Place location.

Attachment

*Complete file*

Recommended Course of Action  
for Chemisphere Storage #1

Joseph M. Boyle, Chief  
IL/IN Unit

Horst Witschonke, Chief  
IL Unit, TPS

This in response to your September 19, 1985, memorandum regarding the submission of a Part A and notification form by Chemisphere Storage #1.

My assessment of the situation is as follows:

Acme Refining Scrap Iron & Metal Company submitted a notification form for transporter activity on August 25, 1980, which indicated its location as 17 N. May Street. U.S. EPA assigned ILD 072 344 542 as the EPA identification number for that transportation activity. Later on November 19, 1980, Acme Refining Scrap Iron & Metal Company submitted another notification form. This form, marked "subsequent" identified the activities as generation, treatment, storage, disposal and transportation. However, the location for these activities was given as 829 West 22nd Place. U.S. EPA responded to this latter notification by correctly issuing a different EPA identification number, namely, ILT 180 014 839. Also, on November 19, 1980, Acme submitted its Part A for the 22nd Place location. On that form Acme indicated its date of existence as February 1, 1979.

Chemisphere Incorporated apparently bought the 22nd Place location sometime in 1984.

On September 19, 1985, Chemisphere Incorporated submitted a subsequent notification form, which indicated TSD activity at the 22nd Place location. In filling out the form, Chemisphere erroneously used the EPA ID number still associated with Acme's transportation activity out of the May Street location. On September 19, 1985, Chemisphere Incorporated submitted a Part A, marked "revised", for container storage activity at the 22nd Place location. This form also erroneously bore the EPA ID number associated with the May Street transportation activity of Acme.

Mr. Jack Taylor, Vice President of Administration for Chemisphere Incorporated, per a telephone conversation with Ms. Zetta Thomas, on October 3, 1985, believes that interim status for the 829 W. 22nd Place location was obtained by Chemisphere Storage #1 when Chemisphere Incorporated bought the site from Acme Refining Scrap Iron & Metal Company.

However, to obtain interim status, an existing facility was required to notify by August 18, 1980. Acme notified on November 19, 1980. Therefore, Acme never had interim status, and contrary to Mr. Taylor's belief, it is impossible for Chemisphere Incorporated to have obtained interim status as a result of the purchase of 829 W. 22nd Place location.



I recommend that you notify Chemisphere Incorporated that a RCRA permit must be applied for and obtained before any construction of treatment, storage, or disposal units can begin at the site or any storage (other than that of a transfer facility) can legally take place at the 829 W. 22nd Place location.

Please advise me if you have any evidence that illegal hazardous waste storage has occurred at this 829 W. 22nd Place location.

5HE-12:Zetta:lr:6-4555:10/23/85

	TYPEST	AUTHOR	OTHER STAFF	UNIT CHIEF	SECT. SECT	SECT. CHIEF	SENIOR CHIEF	OTHER
INT. DATE	<i>LF</i> 10/25							



217/782-6761

Refer to: 0316680001 -- Cook County  
Chemisphere Storage  
~~ILDT80014839~~ *ILT 180 014 839*  
RCRA - Permits

May 6, 1988

Chemisphere Storage  
829 West 22nd Pl.  
Chicago, Illinois 60608

Attn: Environmental Coordinator or  
Plant Manager

Dear Sir:

According to Agency files, your facility currently manages hazardous waste in containers and/or tanks subject to the requirements of 35 IAC 700-725. 35 IAC 703.157(f) states that interim status for any hazardous waste storage or treatment facility will be terminated November 8, 1992, unless the facility submits Part B of the RCRA permit application for these units to this Agency by November 8, 1988. This letter is written to (1) make you aware of this requirement and (2) describe the actions which must be taken in response to this requirement.

According to 35 IAC 703.157(f), if an existing facility desires to (1) store hazardous waste on-site for greater than ninety (90) days, (2) treat hazardous waste, or (3) store hazardous waste as a commercial facility after November 8, 1992, it must submit Part B of the RCRA permit application to this Agency by November 8, 1988. The information which must be contained in this application is described in 35 IAC 703, Subpart D. The enclosed document, entitled "RCRA Permit Guidance" provides more detail regarding the necessary contents of the application and also identifies several guidance documents which will be useful in developing the application. Also included in this document is the form which must be used when submitting the application.

If a facility does not desire to continue storing and/or treating hazardous waste after November 8, 1992, it must close the storage and/or treatment unit(s) present at the facility prior to this date. Closure, in this instance, basically means that all contamination must be removed from the unit(s) and if necessary, from the area surrounding these units. The requirements which must be met in closing these units are contained in 35 IAC 725, Subpart G. For your convenience, guidance for the development of a closure plan is contained in the enclosed document entitled "Instructions for the Preparation of Closure Plans for Interim Status RCRA Hazardous Waste Facilities." PLEASE NOTE THAT A CLOSURE PLAN DOES NOT NEED TO BE SUBMITTED AT THIS TIME. IT MUST HOWEVER, BE SUBMITTED TO THE AGENCY NO LATER THAN MAY 8, 1992.





Page 2

In some instances, there may be several interim status hazardous waste management units at a facility. The facility may desire to pursue a final RCRA permit for a portion of these units and close the rest of them. Because of the uncertainty associated with this option, all interim status units at a facility must be included in Part B of the RCRA permit application, unless a closure plan for the units being closed is submitted with the Part B. If a closure plan is submitted with the Part B, the application need only address those units which will remain in operation.

The only alternatives available for hazardous waste treatment and storage facilities to meet the requirements of 35 IAC 703.157(f) are (1) submit Part B of the RCRA permit application by November 8, 1988 or (2) close by November 8, 1992. However, some facilities may have previously filed Part A of the RCRA permit application in error and now feel that the hazardous waste management activities carried out at the facility do not require a RCRA permit (i.e. the Part A was filed for protective measures). If this is the case, the Agency requests that information supporting this position be submitted no later than November 8, 1988. The Agency can then review the information submitted and correct its records accordingly. The information which must be submitted to make this demonstration is contained in the enclosed document entitled "Facility Part A Withdrawal Request Form."

Finally, some facilities may have closed or are currently closing in accordance with an IEPA approved closure plan. (Please bear in mind this letter is going out to over 200 facilities; some closed facilities may inadvertently receive this letter.) In this instance, the Agency requests that a copy of (1) the closure plan approval letter and (2) the letter from the Agency accepting the certifications of the owner/operator and the registered professional engineer that closure was carried out in accordance with the approved closure plan (if closure has been completed) be submitted by November 8, 1988. The Agency will again be able to review this information and correct its records accordingly.

Because of the large number of facilities subject to the requirements of 35 IAC 703.157(f), the Agency requests that all facilities receiving this letter complete the enclosed form entitled "RCRA Permit Information Form." The form has been developed such that it can be used by a facility falling into any of the five categories described above (pursuing a final permit, planning to close, pursuing a permit for only a portion of the interim status units and closing the other units, protective filers, closed in accordance with an IEPA approved closure plan). This form must be submitted to the Agency no later than November 8, 1988, along with all required attachments. Failure to do so may subject a facility to enforcement under State and/or Federal regulations and possible monetary penalties up to \$25,000 per day of noncompliance.



Page 3

The RCRA Permit Information Form and all required attachments must be submitted in triplicate (original and two (2) copies) to the following address:

Permit Section, RCRA Unit  
Division of Land Pollution Control  
Illinois Environmental Protection Agency  
2200 Churchill Road  
P.O. Box 19276  
Springfield, IL 62794-9276

If you have any questions regarding this letter, please contact Jim Moore at 217/782-9875.

Very truly yours,

Lawrence W. Eastep, P.E., Manager  
Permit Section  
Division of Land Pollution Control

LWE:dkm:rd1313j/1314j

Enclosures

cc: Division File  
Compliance  
Maywood Region  
USEPA Region V



**C.2 Compliance/  
Enforcement**

LAW OFFICES  
CHADWELL & KAYSER, LTD.  
8500 SEARS TOWER  
CHICAGO, ILLINOIS 60606-6592  
312 876-2100

107-180-014829

MARY C. BRYANT  
(312) 876-2137

CABLE: CHADLAW CHICAGO  
TELECOPIER: (312) 876-2225  
TELEX: 206721

June 14, 1983

Mr. Robert L. Stone  
State Implementation Officer 5-HW  
Waste Management Division, Region V  
U.S. Environmental Protection Agency  
230 S. Dearborn Street  
Chicago, Illinois 60604

Re: Acme Refining Company  
829 West 22nd Street  
Chicago, Illinois  
EPA ID# ILD 980794952

RECEIVED  
JUN 16 1983  
WASTE MANAGEMENT  
BRANCH

Dear Mr. Stone:

On behalf of Acme Refining Company, I hereby give notice of a lawsuit filed this morning in the Circuit Court of Cook County which may affect the title to the above-referenced property.

Acme, the plaintiff in the suit, charges that defendants ZYX Corp. and its designee Chemisphere, Incorporated, have failed to pay Acme the agreed-upon sum for the sale of the subject property and transfer of Illinois EPA permits and federal interim status. A notice of lis pendens has been filed with the Cook County Recorder's Office, and notice of the suit is being given to the Illinois EPA.

In order to preserve the value of the property, the complaint asks, inter alia, that the court order the defendants not to take any action which would jeopardize the site's status as a permitted hazardous waste facility. A motion for a preliminary injunction for bidding such action will be filed as soon as service is had upon defendants.

A copy of the complaint is enclosed for your information. I will send you copies of any additional pleadings or orders in the case, and keep you informed of its progress. In the meantime,



CHADWELL & KAYSER, LTD.

Mr. Robert L. Stone  
Page Two

June 14, 1983

please notify me immediately if ZYX, Chemisphere, or any other party files any document or request which would affect the site's interim status, and please refrain from taking any action affecting said interim status until I have had an opportunity to seek a court order protecting Acme's interest.

I thank you in advance for your cooperation in this matter. If you have any questions, please call me.

Sincerely,

  
Mary C. Bryant

/gz  
Encl.

cc: Roger Grimes, Esq.



# Intercounty Title Company of Illinois

120 WEST MADISON • CHICAGO • ILLINOIS 60602 • (312) 977-4755



TO: INTERCOUNTY TITLE COMPANY OF ILLINOIS

October 1, 1982

## AMENDMENT TO ESCROW INSTRUCTIONS

Escrow # SC 9 04 99-1

Date October 1, 1982


The following Depositis are hereby deleted:

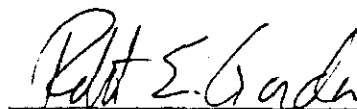
1. Quit Claim Deed from Peter J. Baron, Madorin and Sirk.
2. Deposit No. 3, being survey.
- 2a. Seller's deposit No. 4 being Assignment of EPA permits.
3. Deposit No. 11 being Environmental Protection Agency Permits.
6. Purchaser's deposit No. 6.

Sellers deposits No. 1 and 6 are modified as follows:

1. Affidavit of Title from Louis A. Baron.  
Affidavit of Title from Acme Refining Company.
6. Bill of Sale from Louis A. Baron.  
Bill of Sale from Acme Refining Company.

The designee of ZYX Corporation is Chemisphere Incorporated and Chemisphere Incorporated is substituted in each instance in reference to ZYX Corporation.

  
Friedman & Mauck  
by Charles Friedman

  
Mayer, Brown, & Platt  
by Robert Gordon

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS  
COUNTY DEPARTMENT, CHANCERY DIVISION

Acme Refining Company and Louis A. Baron, )  
 )  
Plaintiffs, )  
 )  
vs. )  
 )  
ZYX Corp. and Chemisphere, Incorporated )  
 )  
Defendants. )

No. 83CH04823

COMPLAINT FOR SPECIFIC PERFORMANCE AND OTHER RELIEF

Plaintiffs, Acme Refining Company and Louis A. Baron,  
by their attorneys, Chadwell & Kayser, Ltd., complaining of  
defendants, ZYX Corp. and Chemisphere, Incorporated, state  
as follows:

Count I

1. That at all times hereinafter mentioned plaintiff  
Acme Refining Company ("Acme") was, and now is, a corporation  
duly organized under the laws of the state of Illinois and  
having its principal place of business in Chicago, Illinois.

2. That plaintiff Louis A. Baron ("Baron") was the  
owner in fee simple of certain real estate situated in Cook  
County, Illinois and described as follows:

PARCEL 1:

Lots 1, 2, 3, 4, 5, 18, 19, 20, 21, 22, 23, and 24 in  
Block 2 in Thomas O'Neil's Addition to Chicago in the  
Subdivision of the East 8.36 Acres of the Northeast  
Fractional 1/4 of Section 29, Township 39 North, Range  
14 East of the Third Principal Meridian in Cook County,  
Illinois.

PARCEL 2:

Lots 1, 2 and 3 in Block 2 of Mrs. Bridgette O'Neil's  
Subdivision of 4.80 Acres of the West 1/2 of the East  
16.72 Acres of the Northeast Fractional 1/4 of Section  
29, Township 39 North, Range 14 East of the Third  
Principal Meridian in Cook County, Illinois



PARCEL 3:

All that part of the vacated north and south alley which lies west and adjoining said Lots 1, 2, 3, 4 and 5 in Block 2 in Thomas O'Neil's Subdivision and which lies east of and adjoining said Lot 24 in Block 2 in Thomas O'Neil's Subdivision said alley vacated by Ordinance passed March 29, 1962 and recorded May 4, 1962 as Document 18466262 in Cook County, Illinois

3. That defendant ZYX Corp. ("ZYX") and defendant Chemisphere, Incorporated ("Chemisphere") are each a corporation duly organized under the laws of the state of Illinois and having its principal place of business in Bensenville, Illinois.

4. That the transaction, or some part thereof, out of which this action arises occurred in Cook County.

5. That on or about April 12, 1982 plaintiffs and ZYX entered into a written contract whereby plaintiffs agreed to sell to ZYX or its designee and ZYX agreed to purchase the aforesaid real estate and the permits hereinafter described; a copy of which contract is attached hereto, marked as Exhibit A, and made a part hereof.

6. That thereafter plaintiffs and ZYX entered into a written amendment of said contract, a copy of which amendment is attached hereto, marked as Exhibit B, and made a part hereof.

7. That said permits to be sold and assigned pursuant to said contract consisted of (a) Illinois Environmental Protection Agency Permit No. 1981-10-DE and Supplemental Permit No. 1982-89 and (b) "interim status" to conduct hazardous waste operations pursuant to the Federal Solid

Waste Disposal Act, as amended (42 U.S.C. §6901 et seq.), under EPA I.D. number ILT 180014839, under which permits said real estate is a fully permitted hazardous waste facility.

8. That in accordance with the terms of said contract plaintiffs took such action as was necessary to place said permits in the form called for by said contract.

9. That said contract provided for a closing of said sale through escrow and, as amended, provided for a purchase price of \$363,000 for said real estate and permits.

10. That pursuant to said contract an escrow was established with Intercounty Title Company ("Intercounty") on or about July 1, 1982, at which time escrow instructions were entered into by plaintiffs, defendants, and Intercounty; a copy of which escrow instructions is attached hereto, marked as Exhibit C, and made a part hereof.

11. That on or about October 1, 1982, an amendment of said escrow instructions was entered into by plaintiffs and defendants, a copy of which amendment is attached hereto, marked as Exhibit D, and made a part hereof.

12. That on or about October 1, 1982, pursuant to said contract as so amended and pursuant to directions of ZYX, said real estate was conveyed to Chemisphere (by deeds recorded in Cook County) and said permits were assigned to Chemisphere by plaintiffs.

13. That at the same time Chemisphere executed a trust deed covering said real estate, which trust deed was recorded in Cook County and purported to secure certain notes in the aggregate amount of \$120,000.

14. That at the same time the sum of \$140,000 deposited in said escrow by ZYX was disbursed from said escrow in accordance with said escrow instructions.

15. That under the terms of said contract as amended, on or before May 17, 1983 plaintiffs were to quit possession of said real estate and be prepared to deliver possession thereof to ZYX or its designee.

16. That under the terms of said contract as so amended, upon plaintiffs quitting possession of said real estate and being prepared to deliver possession thereof to Chemisphere on or before May 17, 1983, defendants became obligated to deposit in said escrow both a certification that plaintiffs had quit possession and were prepared to deliver possession to Chemisphere and funds in the amount of \$220,019 to cover the balance of the purchase price.

17. That prior to May 17, 1983 plaintiff had quit possession of said real estate by removing all personal property therefrom and by placing said real estate in a generally vacant and orderly condition and plaintiffs were prepared to deliver possession of said real estate to Chemisphere.

18. That on May 17, 1983, in accordance with the terms of said contract as amended, plaintiffs deposited with Intercounty and delivered to defendants a written certification that plaintiffs had quit possession of said real estate and were prepared to deliver possession of said real estate to Chemisphere.

19. That on and prior to May 17, 1983 Chemisphere had acknowledged that plaintiffs had quit possession of said real estate and that plaintiffs were prepared to deliver



possession of said real estate to Chemisphere.

20. That on May 17, 1983 defendants advised plaintiffs and Intercounty that defendants had not been able to obtain the funds needed to make payment of said balance of the purchase price and that defendants would therefore not deposit with Intercounty such certification of such funds.

21. That at no time after May 17, 1983 have defendants deposited with Intercounty or delivered to plaintiff such certification or said balance of the purchase price.

22. That defendants thus have failed and refused to make the deposits required to be made by them pursuant to said contract and said escrow instructions, at the time called for thereby or at any time thereafter.

23. That plaintiffs have performed all of the conditions and terms of said contract and said escrow instructions on their part and at all times since the signing of said contract have been, and still are, ready, willing, and able to perform the contract on their part and, in exchange for payment of the balance of the purchase price, to deliver possession of said real estate to Chemisphere.

24. That defendants have failed and refused, and still refuse, to deposit in said escrow or otherwise pay to plaintiffs said balance of the purchase price.

25. That plaintiffs have no adequate remedy at law.

WHEREFORE, plaintiffs pray for the following relief:

A. That the Court order and require defendants to pay plaintiffs within a day certain said balance of the purchase price with interest thereon at the rate of 5% per annum from May 17, 1983, the date when it should have been paid, together

with the costs of this action;

B. That the Court order that, failing such payment said real estate be sold under its direction and the proceeds of sale be applied to payment of said balance of the purchase price, together with interest as aforesaid and the costs of this action, and that defendants be ordered and required to pay the deficiency, if any, to plaintiffs;

C. That the Court order and require defendants, in the event said real estate be sold as aforesaid, to assign and transfer said permits to the purchaser of said real estate at such sale;

D. That plaintiffs have such other relief as the Court shall deem equitable and proper.

#### COUNT II

1-24. As paragraphs 1 through 23 of Count II of this complaint, plaintiffs reallege and incorporate as if fully set forth herein paragraphs 1 through 23 of Count I of this Complaint.

25. Unless defendants are enjoined from transferring said real estate and permits to third parties and from renouncing said permits or seeking to have said permits rescinded or modified pending resolution of this suit, plaintiffs will suffer irreparable injury for which they have no adequate remedy at law.

WHEREFORE, plaintiffs pray for the following relief:

A. That defendants be preliminarily enjoined from selling, assigning, mortgaging, or otherwise transferring any interest in said real estate to any party except upon the express order of this Court;

B. That defendants be preliminarily enjoined from assigning or transferring said permits to any party except on the express order of this Court;

C. That defendants be preliminarily enjoined from application for modification or rescission of said permits, from filing any notice of closure with respect to said permitted hazardous waste facility, from implementing any closure plan for said facility, and from otherwise interfering with or threatening the status of said real estate as a fully permitted hazardous waste facility except on the express order of this Court; and

D. That plaintiffs have such other relief as the Court shall deem equitable and proper.

ACME REFINING COMPANY

LOUIS A. BARON

By Paul W. Haber  
of Chadwell & Kayser, Ltd.  
its attorneys,  
8500 Sears Tower  
Chicago, Illinois 60606  
312/876-2100



STATE OF ILLINOIS     )  
                              )     SS.  
COUNTY OF COOK        )

Larry C. Baron, being first duly sworn, on oath deposes and says that he is Vice President of Acme Refining Company; that he has read the foregoing Complaint; that he knows the contents thereof; and that the same is true in substance and in fact.



---

Subscribed and sworn to before me this  
13 day of June, 1983.



---

Notary Public

JUL 7 1983

5402

Ms. Mary C. Bryant  
Law Offices  
Chadwell & Kayser, Ltd.  
8500 Sears Tower  
Chicago, Illinois 60606

Re: Freedom of Information Act Request  
(E) PIN 329-83

Dear Ms. Bryant:

This is in response to your letter received June 17, 1983, and to your conversations with Ms. April Katsura of my staff. On July 1, 1983, you came to our office to review the hazardous waste files on the following facility:

Acme Refining Scrap Iron & Metal Co. (Acme)  
829 W. 22nd Place  
Chicago, IL 60608  
ILT100014839

You then requested copies of 13 documents from these files. The copies are enclosed and are identified on the attached list.

There is no charge for search time or duplicating because the total fees are less than \$10.00.

Please contact Ms. Katsura at 826-8134, if you have questions.

Sincerely,

Easil G. Constantelos, Director  
Waste Management Division

Enclosures

cc: Acme Refining Scrap Iron & Metal Co.  
Illinois Environmental Protection Agency

bcc: Part A File  
Ann Brash  
Bob Stone  
Carol Kaycio

# List of Enclosures on Acme

1. Potential Hazardous Waste Site--Identification and Preliminary Assessment
2. Potential Hazardous Waste Site--Final Strategy Determination
3. Telephone memo of June 25, 1980, between Emilio Sturino, U.S. EPA, and Tony Holoska, U.S. EPA
4. Notification of Hazardous Waste Activity
5. Acknowledgement of Notification of Hazardous Waste Activity
6. Letter of October 15, 1982, from Charles W. McKiel, Jr., Chemisphere Incorporated, to Thomas E. Cavanagh, Jr., Illinois Environmental Protection Agency
7. Memo from Regulatory Analysis and Information Section, U.S. EPA, to Gene Meyer, U.S. EPA. Re: transmittal of Item 8 (below)
8. Letter of January 20, 1982, from Larry Baron, Acme, to David Homer, U.S. EPA
9. Part A Review - Qualification for Interim Status
10. Memo of October 19, 1982, from R.L. Stone, U.S. EPA, to file
11. Memo of May 11, 1982, from Regulatory Analysis and Information Section, U.S. EPA, to Bill Miner, U.S. EPA. Re: transmittal of letter of April 28, 1982, from Larry C. Baron, Acme, to RCRA Activities, U.S. EPA
12. Internal Checklist
13. Memo of January 7, 1983, from R.L. Stone, U.S. EPA, to file





Resource Applications, Inc.  
Engineers - Scientists - Planners

ILT 180 014 839

C.3

*FH  
pls hold this  
for a while  
Shankar  
2/27*

Tara Singh, Ph.D., P.E., D.E.E.  
President

February 27, 1992

U.S. EPA  
OH/MN Technical Enforcement Section  
Eighth Floor  
77 West Jackson Blvd.  
Chicago, IL 60604-3590

Attention: Kevin Pierard

Subject: Multi-Sites - CERCLA Facility Assessments,  
Chemisphere Storage VSI Scheduling Problems,  
Contract No. 68-W9-0006, W.A.# C05087-3J and  
C05087-3K.

Resource Applications, Inc. (RAI) was issued five new sites on which to perform CERCLA Facility Assessments by PRC Environmental Management, Inc. (PRC) on January 29, 1992. Of these five sites, two have run into visual site inspection (VSI) scheduling difficulties: Chemisphere Storage at 17 N. May Street, Chicago, Illinois and Chemisphere Storage at 825-829 W. 22nd Place, Chicago, Illinois. RAI has attempted to find the owners of these two facilities in order to perform the required VSIs. RAI has been unsuccessful at identifying the owners or securing access permission. All parties involved with both sites have been hostile and uncooperative. A summary of RAI's activities performed to date to locate the owners of the sites are listed below. Copies of the original RAI memorandum of telephone conversation sheets are enclosed.

RAI attempted to contact Charles McKiel Jr., the facility contact for Chemisphere Storage Inc. (Chemisphere), to inform him that RAI has been subcontracted to perform a PA/VSI at Chemisphere Inc.'s 17 N. May (ILD 072 344 542) and 825-829 West 22nd Place (ILT 180 014 839) facilities. RAI used the telephone number found on Chemisphere's Notification of Hazardous Waste Activity: 1-708-966-4010. RAI left three telephone messages with Mr. McKiel's secretary on February 10th and 11th of 1992. The secretary was rude and uncooperative. She refused to provide her name or the name of the entity both her and Mr. McKiel currently work for.

On February 11, 1992, RAI contacted the Illinois Secretary of State's Corporation Division (ISSCD) to obtain information on Chemisphere. Prior to 1983, Chemisphere was known as the ZYX Corp. Chemisphere was dissolved on April 1, 1987 by ISSCD. Chemisphere was also known as Warehouse Management Systems, Inc. prior to its dissolution by ISSCD. RAI also requested

information from ISSCD on Acme Refining Scrap Iron & Metal, Inc. (ACME), the former owner of both facilities in question. ACME is now registered as the Acme Refining Company and has an active status. The registered agent for ACME is Joseph D. Parisano (sic) of 79 W. Monroe, Suite 826, Chicago, Illinois, 60603.

On February 12, 1992, RAI attempted to contact Larry Baron, the owner of ACME, in order to find out if he knew who currently owned the two properties in question. Eileen, one of ACME's employees, indicated that she thought that Mr. Baron owned the 825-829 W. 22nd Place facility. She stated that Mr. Baron was not in and would likely return the call the next day.

On February 12, 1992, Charles McKiel, Jr. of Chemisphere returned RAI's telephone call. He stated that he would have returned RAI's first call on February 11, 1992 if he had wanted to. He was hostile and uncooperative. He stated that there was no facility at 17 N. May St. and the 825-829 22nd Place facility was defaulted through bankruptcy about five years ago to Larry Baron of ACME. He also stated that no hazardous waste storage was done at either site during Chemisphere's ownership of both properties. He also indicated that if RAI were to call him in the future, he may refuse to return our calls.

Larry Baron of ACME returned RAI's call on February 12, 1992 also. RAI informed him that RAI has been subcontracted to perform a PA/VSI at Chemisphere's 17 N. May and 825-829 West 22nd Place facilities. RAI informed Mr. Baron that Mr. McKiel of Chemisphere indicated that ACME is the current owner of the two sites in question. Mr. Baron stated that ACME sold both properties in question to Chemisphere about five years ago. He stated that Chemisphere had some financial problems. ACME acquired the 22nd Street facility from the Probate Court of the City of Chicago about a month ago. He also indicated that the May Street location was used only as corporation headquarters and as a garage for its transport vehicles. He stated that no hazardous wastes were stored at this site. However, he did indicate that the 22nd Place facility did apply and receive a hazardous waste permit just prior to selling the property to Chemisphere. He asserted that his attorney, Joe Palmisano, discussed and straightened out all discrepancies about the two sites. He stated that he will not accept any telephone calls from RAI in the future. He stated that all other conversations concerning this issue will have to be through his attorney, because he thought "talking with RAI/United States Environmental Protection Agency (EPA) was a waste of his time."

On February 13, 1992, RAI contacted Joe Palmisano, the attorney for ACME, to inform him that RAI has been subcontracted to perform a PA/VSI at ACME/Chemisphere's 17 N. May Street and 825-829 West 22nd Place facilities. RAI informed him that Mr. Baron requested that all conversations about the VSI be directed to his



attorney. RAI asked Mr. Palmisano who he contacted at EPA to straighten out ACME's regulatory files. He stated that his client must be mistaken; he never contacted EPA at any time for any reason. He also stated that he would call RAI back with additional information about ownership of both facilities in question.

On February 24, 1992, RAI performed a mini-title search of both sites. Between May 1975 and January 1990, at least a dozen transactions have been recorded at the Cook County Recorder's Office for each site. The last record for the 17 N. May Street location indicated that the property was owned by a land trust (Trust No. 4685) at Michigan Avenue National Bank in Chicago, Illinois. The last record for the 825-829 W. 22nd Street location indicated that the property was owned by a land trust (Trust No. 116075) at LaSalle National Trust in Chicago, Illinois.

On February 25, 1992, RAI called both the Michigan Avenue National Bank and LaSalle National Trust to request names of the trustees for the trusts in order to attempt to find the current owners of the two sites. Both stated that RAI would have to write the purpose of our interest in the sites in a letter and mail it to them. Then these requests will be forwarded to the beneficiaries of the sites. A representative of LaSalle National Trust, William Dillon, informed RAI that if the beneficiaries do not respond to RAI's request for information/set up date for VSI, that is their prerogative.

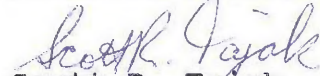
On February 26, 1992, RAI contacted Gregory Spencer of the Illinois Environmental Protection Agency (IEPA). Mr. Spencer performed a CERCLA Preliminary Assessment at the 17 N. May Street facility on June 5, 1991. Mr. Spencer indicated that Bill Tucker of Bill Tucker Studios Inc. was the current owner of the site.

Since RAI is unable to proceed with arrangements for VSIs at both facilities due to the uncooperative nature of all parties, RAI requests EPA's assistance in setting up the VSI appointments.

Please contact me at 332-2230 if you have any questions.

Very truly yours,

RESOURCE APPLICATIONS, INC.

  
Scott R. Tajak  
Environmental Investigator

Enclosure: a/s

cc: Shin Ahn, PRC



# RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J & 3K DATE 2/10/92 TIME 10:00 AM.  
3:00 P.M.  
 PROJECT NAME CHEMISPHERE STORAGE  
 BETWEEN Secretary AND Scott TAJAK  
 FIRM for Charles McKiel JR ADDRESS ?  
 TELEPHONE NUMBER 708 -966 -4010

CALL PLACED BY:



☐ OTHER PARTY

SUBJECT BURN FACILITY Assessment

DISCUSSED I called this number hoping I could find information about Chemisphere Storage. The secretary took the message. She seemed irritated that I was bothering her. She was rude during the afternoon call. She refused to provide her name or the company she worked for. (I do not think I was lucky)

☒ NEED FOLLOW-UP

Scott R. Tajak  
 SIGNATURE

RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J + 3K DATE 2/11/92 TIME 2:30 PM  
PROJECT NAME CHEMISPHERE STORAGE  
BETWEEN Secretary for AND \_\_\_\_\_  
FIRM CHARLES MCKIEL JR. ADDRESS ?  
TELEPHONE NUMBER 708-966-4010

CALL PLACED BY:



RAI



OTHER PARTY

SUBJECT RCRA FACILITY ASSESSMENT

DISCUSSED Secretary once again was irate that I called a third time. He refused to be courteous or provide information Mr. McKiel had not called in.



NEED FOLLOW-UP

Scott K. Taylor

SIGNATURE

# RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3T + 3K DATE 2/11/92 TIME 3:00 PM  
 PROJECT NAME CHEMISHERE STORAGE  
 BETWEEN SECRETARY of State AND \_\_\_\_\_  
 FIRM CORPORATION'S DIVISION OF ILLINOIS ADDRESS \_\_\_\_\_  
 TELEPHONE NUMBER 217-782-7880

CALL PLACED BY:

☒ RAI

☐ OTHER PARTY

SUBJECT Chemisphere - OWNER FINDING

DISCUSSED Requested information on ZTK CORP. Name changed to Chemisphere Inc in 1983. Registered Agent is Donald J. Crossman, 5301 W. Dempster St. Skokie, IL 60077.

Chemisphere, Inc dissolved 4/1/87

alpha Warehouse Mgmt Systems Inc also dissolved 4/1/87

Acme Refining Scrap Iron & Metal, Inc.

NKHA Acme Refining Company

Joseph D. Acmesiano

79 W. MONROE SUITE 826

Chicago, 60603

☒ NEED FOLLOW-UP

Scott R. Trench  
SIGNATURE



RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J+3K DATE 2/12/92 TIME 10:00 AM  
PROJECT NAME CHEMISPHERE STORAGE  
BETWEEN LARRY BARON AND SCOTT B. TAJAK  
FIRM ACME REFINING Co. ADDRESS CHICAGO  
TELEPHONE NUMBER 523-4500

CALL PLACED BY:



RAI



OTHER PARTY

SUBJECT PCRA FACILITY ASSESSMENT VSI APPOINTMENT

DISCUSSED I REQUESTED B SPEAK TO LARRY BARON TO DISCUSS  
ACME'S CONNECTION TO PROJECT 3J+3K CHEMISPHERE  
LOCATIONS. EILEEN, ONE OF THE EMPLOYEES, STATED  
THAT MR BARON WILL RETURN MY CALL TOMORROW.  
SHE INDICATED THAT LARRY BARON WAS THE OWNER OF  
THE 22ND PLACE PARCEL (3K).



NEED FOLLOW-UP

Scott B. Tajak

SIGNATURE

# RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J 4 3K DATE 2/12/92 TIME 10:50  
 PROJECT NAME CHEMISPHERE STORAGE  
 BETWEEN CHARLES McKIEL AND SCOTT TAJAK  
 FIRM CHEMISPHERE ADDRESS \_\_\_\_\_  
 TELEPHONE NUMBER 708-996-4010

CALL PLACED BY:

☐ RAI

☒ OTHER PARTY

SUBJECT RCRA VSI

DISCUSSED FACILITY REPRESENTATIVE WAS UNCOOPERATIVE. HE  
STATED THAT FACILITY WAS OR HAS NOT OWNED ANY LAND  
FOR FIVE YEARS. HE WOULD PROVIDE NO INFORMATION  
ABOUT CHEMISPHERE EXCEPT TO INDICATE THAT THERE  
WAS NO MAY ST. FACILITY AND THAT THE SITE  
AT 22ND PLACE WAS DEFAULTED THROUGH BANKRUPTCY  
TO ACME REFINING - LARRY BARRON President. He  
STATED THAT IF HE WANTED TO CALL US BACK, HE WOULD  
OF. HE STATED WE SHOULD INSPECT THE SITES IF WE  
WANT, BUT HE IS NOT OWNER OF THEM. HE STATED  
THAT WE SHOULD PERFORM A TITLE SEARCH FOR OWNER  
OF THE FACILITY. HE ALSO SAID NO HAZARDOUS WASTE  
"STORAGE" WAS PERFORMED AT THE SITE. HE ALSO  
STATED THAT HE MIGHT TO RETURN RAI'S CALLS BACK IF  
WE WSH TO SPEAK TO HIM AGAIN ABOUT PROCESSES, ETC.

☒ NEED FOLLOW-UP

Scott Tajak  
 SIGNATURE

# RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J+3K DATE 2/12/92 TIME 2:05  
 PROJECT NAME CHEMISPHERE STORAGE  
 BETWEEN LARRY BARON AND SCOTT TADAK  
 FIRM ACME Refining Co. ADDRESS \_\_\_\_\_  
 TELEPHONE NUMBER 523-4500

CALL PLACED BY:

☐ RAI

☒ OTHER PARTY

SUBJECT BURA VSI / INFO.

DISCUSSED I EXPLAINED TO L. BARON WHY I CALLED. I TOLD HIM THAT I NEEDED TO PERFORM VISUAL SITE INSPECTIONS AT BOTH FORMER ACME / CHEMISPHERE LOCATIONS. HE STATED THAT ACME SOLD BOTH TO CHEMISPHERE INC. ABOUT 5 YEARS AGO; AND THEN CHEMISPHERE FILED FOR BANKRUPTCY. HE STATED THAT THE 22ND PLACE LOCATION (3K) WAS ACQUIRED BACK FROM THE PROBATE COURT OF THE CITY OF CHICAGO A MONTH OR SO AGO. HE STATED THAT THE MAY ST. LOCATION WAS USED AS A GARAGE AND CORPORATE OFFICE. HE STATED THAT THE MAY ST. LOCATION WAS NEVER USED FOR HAZARDOUS WASTE ACTIVITY. HE STATED THAT ACME ACQUIRED A HAZARDOUS WASTE PERMIT AT THE 22ND ST. LOCATION JUST PRIOR TO SELLING TO CHEMISPHERE. HE WAS IRRITATED THAT RAI/EPA WAS PESTERING HIM. HE STATED HIS ATTORNEY DISCUSSED THINGS WITH EPA. HE ADULTATED THAT EPA UNDERSTOOD THAT THERE WAS NO HAZARDOUS WASTE ACTIVITY CURRENTLY ON THE PREMISES. I STATED THAT I WILL PROBABLY SPEAK TO HIM AGAIN. HE STATED NOT TO BOTHER BECAUSE IT WAS A WASTE OF HIS TIME



NEED FOLLOW-UP

Scott R. Tadak  
 SIGNATURE



RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J43K DATE 2/13/92 TIME 10:10 AM  
PROJECT NAME CHEMISPHERE  
BETWEEN Secretary AND SCOTT TATAK  
FIRM ACME IRON + METAL ADDRESS \_\_\_\_\_  
TELEPHONE NUMBER 523-4500

CALL PLACED BY:

☒ RAI

☐ OTHER PARTY

SUBJECT ATTORNEY'S NAME AND PHONE NO.

DISCUSSED Left Message for LARRY BARDON so that I  
could obtain his attorney's number.

☒ NEED FOLLOW-UP

Scott Tatak  
SIGNATURE

RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J+3K DATE 2/13/92 TIME 10:45 AM  
PROJECT NAME HEMISPHERE STORAGE  
BETWEEN THERESE AND SCOTT R. TATAK  
FIRM ACME REFINING CO. ADDRESS \_\_\_\_\_  
TELEPHONE NUMBER 523-4500

CALL PLACED BY:

☐ RAI

☒ OTHER PARTY

SUBJECT ACME REFINING CO.'S ATTORNEY PHONE NUMBER  
DISCUSSED THERESE OF ACME STATE THAT LARRY BARON'S  
ATTORNEY IS JOE PALMISANO AT 312-782-3967



NEED FOLLOW-UP

[Signature]  
SIGNATURE

# RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J & 3K DATE 2/13/92 TIME 12:40  
 PROJECT NAME CHEMOSPHERE STORAGE  
 BETWEEN JDE Palmisano AND Scott R. TADAK  
 FIRM ATTORNEY FOR ACME REF. CO ADDRESS \_\_\_\_\_  
 TELEPHONE NUMBER 312-782-3967

CALL PLACED BY:

☐ RAI

☒ OTHER PARTY

SUBJECT RCRA VSI/INFO

DISCUSSED I requested information about current ownership of both parcels 3J + 3K formerly/ currently owned by Larry Baron. He stated that he will call me back with the information. I also explained the purpose of the inspection. He also requested his EPA contact. Larry Baron indicated that J. Palmisano had talked to EPA. MR. Palmisano stated that his client was mistaken. He had never talked to EPA about hazardous waste activity.

☒ NEED FOLLOW-UP

Scott R. Tadak  
SIGNATURE



COOK COUNTY TREASURER'S OFFICE  
118 North Clark St. - Chicago, IL. 60602  
Department of Maps - Room 112

Number

5863

515-B

224 1992

THIS CERTIFIES THAT THE PROPERTY KNOWN AS

823. 17-29-202.033. 825-<sup>829</sup>W. 22<sup>nd</sup> Pl. ~~825-829~~

BEARS THE FOLLOWING LEGAL DESCRIPTION

Lots 18, 19, 20 B1K2  
1. O'Neil Road to Chicago E. 8.6 acs.  
of NE 1/4 of Sec. 29-39-14

Acme Refining Co

FEE \$2.00

THIS LEGAL DESCRIPTION IS FURNISHED AS A PUBLIC ACCOMMODATION. THE OFFICE OF COUNTY COLLECTOR DISCLAIMS ALL LIABILITY OR RESPONSIBILITY FOR ANY ERROR OR INACCURACY THAT MAY BE CONTAINED HEREIN.

*[Signature]*

Map Department Signature

CUSTOMER

138874

91063670

LA SALK BIC

TR 116075 <sup>Δ</sup>

COOK COUNTY TREASURER'S OFFICE  
118 North Clark St. Chicago, IL. 60602  
Department of Maps - Room 112

Number 5354

FEB 24 1992

452-0  
2.24 19 92

THIS CERTIFIES THAT THE PROPERTY KNOWN AS

17 N. May  
17-08-444-011

BEARS THE FOLLOWING LEGAL DESCRIPTION

15, S. pt of 14  
N. pt of Lot 17, Lot 16,

BIK 48

resub of BIK 48 of Carpenter  
add to Chicago SE 1/4 - 8-39-14

FEE \$2.00

THIS LEGAL DESCRIPTION IS FURNISHED AS A PUBLIC ACCOMODATION. THE OFFICE OF COUNTY COLLECTOR DISCLAIMS ALL LIABILITY OR RESPONSIBILITY FOR ANY ERROR OR INACCURACY THAT MAY BE CONTAINED HEREIN.

*[Signature]*

Map Department Signature

CUSTOMER

138874

87585288

MICH. AVE BK

TR 4685

RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3K DATE 2/25/92 TIME 8:40  
PROJECT NAME Chemisphere Storage - 22ND ST  
BETWEEN LaSalle Bank AND SCOTT B. TAJMAK  
FIRM 175 S. LaSalle St. ADDRESS CHICAGO  
TELEPHONE NUMBER 443 - 2472 - LAND TRUST

CALL PLACED BY:

☒ RAI

☐ OTHER PARTY

SUBJECT FINDING FACILITY CONTACT VIA LAND TRUST TR 116075

DISCUSSED THEY WILL CALL BANK WITH TRUSTEES NAME.



NEED FOLLOW-UP

Scott B. Tajmak  
SIGNATURE

# RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3K DATE 2/25/92 TIME 9:40  
 PROJECT NAME Chenierphre Storage 22ND ST  
 BETWEEN WILLIAM DILLON AND SCOTT R. TRAPAK  
 FIRM LASALLE NATIONAL TRUST ADDRESS 135 S. LASALLE ST.  
 TELEPHONE NUMBER 443 - 2472

CALL PLACED BY:

☐ RAI

☒ OTHER PARTY

SUBJECT TRUSTEE SEARCH FOR PAMEL HAVING TRUST No. TR116075

DISCUSSED MR. DILLON indicated that a letter needs to be written explaining why we must contact the beneficiary of the estate. The bank will then forward it to the rightful person. Mr. Dillon indicated that it would be up to the receiver of the letter to respond to our request. If he desires not to answer, the bank has no right to give out his name.

The correct mailing address is.

c/o WILLIAM DILLON  
LASALLE NATIONAL TRUST  
135 S. LASALLE ST.  
Room 311  
CHICAGO, IL. 60603

You must reference bond Trust #

☒ NEED FOLLOW-UP

Scott R. Trapak  
 SIGNATURE



# RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J DATE 2/25/92 TIME 7:50  
 PROJECT NAME Cheminphere Storage - May St  
 BETWEEN Michigan Ave National Bank AND Scott R. Tjals  
 FIRM \_\_\_\_\_ ADDRESS \_\_\_\_\_  
 TELEPHONE NUMBER 641-1000

CALL PLACED BY:



☐ OTHER PARTY

SUBJECT Finding trustee for May St. address - TRUST NO TR 4685

DISCUSSED Bank indicated that a letter needs to be written explaining why we must contact the trustee/beneficiary of the estate and they will then forward it

Their address is Michigan Avenue National Bank  
30 N Michigan  
Suite 300  
Chicago Illinois 60602  
Phone Number: 641-1000

The trust number needs to be indicated within the letter

☒ NEED FOLLOW-UP

Scott R. Tjals  
 SIGNATURE

RAI MEMORANDUM OF TELEPHONE CONVERSATION

PROJECT NUMBER 3J & 3K DATE 2/27/92 TIME 8:40  
PROJECT NAME Chemsphere  
BETWEEN G. Spencer AND Scott Taylor  
FIRM IEPA ADDRESS \_\_\_\_\_  
TELEPHONE NUMBER \_\_\_\_\_

CALL PLACED BY:

☐ RAI

☒ OTHER PARTY

SUBJECT Chemsphere Inc -

DISCUSSED May St address owned by Bill Tucker  
at 243-7113. Address was changed to  
19 N. May.

☐ NEED FOLLOW-UP

Scott Taylor  
SIGNATURE

**D. Corrective  
Action**

NF

RECEIVED  
WMD RECORD CENTER  
OCT 13 1993

# CORRECTIVE ACTION STABILIZATION QUESTIONNAIRE

Completed by: Rick Hersemann  
Date: May 21, 1992

ENFORCEMENT  
CONFIDENTIAL

## Background Facility Information

Facility Name: Acme Refining Scrap Iron  
EPA Identification No.: ILT 180 014 839  
Location (City, State): Chicago, Illinois  
Facility Priority Rank: Moderate

1. Is this checklist being completed for one solid waste management unit (SWMU), several SWMUs, or the entire facility? Explain.

The entire facility, which includes one SWMU.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Status of Corrective Action Activities at the Facility

2. What is the current status of HSWA corrective action activities at the facility?
- ☐ No corrective action activities initiated (Go to 5)
  - ☒ RCRA Facility Assessment (RFA) or equivalent completed
  - ☐ RCRA Facility Investigation (RFI) underway
  - ☐ RFI completed
  - ☐ Corrective Measures Study (CMS) completed
  - ☐ Corrective Measures Implementation (CMI) begun or completed
  - ☐ Interim Measures begun or completed

3. If corrective action activities have been initiated, are they being carried out under a permit or an enforcement order?

- ☐ Operating permit
- ☐ Post-closure permit
- ☐ Enforcement order
- ☒ Other (Explain)

No corrective action activities have been initiated.

4. Have interim measures, if required or completed [see Question 2], been successful in preventing the further spread of contamination at the facility?

- ☐ Yes
- ☐ No
- ☐ Uncertain; still underway
- ☒ Not required

Additional explanatory notes:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RELEASED  
DATE 11/7/02  
RIN #           
INITIALS myr

Acme Refining Scrap Iron



## Facility Releases and Exposure Concerns

5. To what media have contaminant releases from the facility occurred or been suspected of occurring?

☐ Ground water  
☐ Surface water  
☐ Air  
☒ Soils

6. Are contaminant releases migrating off-site?

☐ Yes; Indicate media, contaminant concentrations, and level of certainty.

Groundwater:

Surface water:

Air:

Soils:

☐ No  
☒ Uncertain

- 7a. Are humans currently being exposed to contaminants released from the facility?

☐ Yes (Go to 8a)  
☒ No  
☐ Uncertain

Additional explanatory notes:

Fence surrounding the facility is in poor condition and needs to be replaced to restrict access.

- 7b. Is there a potential for human exposure to the contaminants released from the facility over the next 5 to 10 years?

☒ Yes  
☐ No  
☐ Uncertain

Additional explanatory notes:

Fence surrounding facility is in poor condition and humans could be exposed to contaminated soils at the facility.

- 8a. Are environmental receptors currently being exposed to contaminants released from the facility?

☐ Yes (Go to 9)  
☐ No  
☒ Uncertain

Additional explanatory notes:

Extent of soil contamination at the facility has not been defined.

- 8b. Is there a potential that environmental receptors could be exposed to the contaminants released from the facility over the next 5 to 10 years?

☐ Yes  
☐ No  
☒ Uncertain

Additional explanatory notes:

Extent of soil contamination at the facility has not been defined.

### Anticipated Final Corrective Measures

9. If already identified or planned, would final corrective measures be able to be implemented in time to adequately address any existing or short-term threat to human health and the environment?

☐ Yes  
☐ No  
☒ Uncertain

Additional explanatory notes:

No corrective measures have been identified or planned. The extent of soil contamination at the facility has not been defined.

10. Could a stabilization initiative at this facility reduce the present or near-term (e.g., less than two years) risks to human health and the environment?

☒ Yes  
☐ No  
☐ Uncertain

Additional explanatory notes:

Fencing the facility to restrict access would reduce the risks to humans.

11. If a stabilization activity were not begun, would the threat to human health and the environment significantly increase before final corrective measures could be implemented?

☐ Yes  
☐ No  
☒ Uncertain

Additional explanatory notes:

### Technical Ability to Implement Stabilization Activities

12. In what phase does the contaminant exist under ambient site conditions? Check all that apply.

☒ Solid  
☐ Light non-aqueous phase liquids (LNAPLs)  
☐ Dense non-aqueous phase liquids (DNAPLs)  
☐ Dissolved in ground water or surface water  
☐ Gaseous  
☐ Other \_\_\_\_\_

13. Which of the following major chemical groupings are of concern at the facility?

☒ Volatile organic compounds (VOCs) and/or semi-volatiles  
☐ Polynuclear aromatics (PAHs)  
☒ Pesticides  
☒ Polychlorinated biphenyls (PCBs) and/or dioxins  
☐ Other organics  
☐ Inorganics and metals  
☐ Explosives  
☐ Other \_\_\_\_\_

14. Are appropriate stabilization technologies available to prevent the further spread of contamination, based on contaminant characteristics and the facility's environmental setting? [See Attachment A for a listing of potential stabilization technologies.]

(X) Yes; Indicate possible course of action.  
Facility should be fenced to restrict access.  
The extent of soil contamination needs to be  
defined before other stabilization technologies  
are considered.

- ( ) No; Indicate why stabilization technologies are not appropriate; then go to Question 18.

15. Has the RFI, or another environmental investigation, provided the site characterization and waste release data needed to design and implement a stabilization activity?

- ( ) Yes  
(X) No

If No, can these data be obtained faster than the data needed to implement the final corrective measures?

- (X) Yes  
( ) No

#### Timing and Other Procedural Issues Associated with Stabilization

16. Can stabilization activities be implemented more quickly than the final corrective measures?

- (X) Yes  
( ) No  
( ) Uncertain

Additional explanatory notes:

Facility should be fenced to restrict access to humans.

17. Can stabilization activities be incorporated into the final corrective measures at some point in the future?

- (X) Yes  
( ) No  
( ) Uncertain

Additional explanatory notes:

## Conclusion

18. Is this facility an appropriate candidate for stabilization activities?

- (X) Yes  
( ) No, not feasible  
( ) No, not required  
(X) Further investigation necessary

Explain final decision, using additional sheets if necessary.

The facility should be fenced to restrict access to humans. Past soil sampling in the area of the former container storage area (SWMU 1) indicated elevated levels of organics. The source and extent of the soil contamination was never determined. The extent of soil contamination needs to be defined before other stabilization technologies are considered.

### Acme Refining Scrap Iron





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

HRE-8J

April 21, 1993

ACME Refining Scrap  
Iron & Metal Company  
3357 S. Justine  
Chicago, Illinois 60608

Re: Visual Site Inspection  
ACME Refining Scrap  
Iron & Metal Company  
Chicago, Illinois  
ILD 180 014 839

Dear Sirs:

The U.S. Environmental Protection Agency is enclosing a copy of the final Preliminary Assessment/Visual Site Inspection (PA/VSI) report for the referenced facility. The executive summary and conclusions and recommendations sections have been withheld as Enforcement Confidential.

If you have any questions, please call Francene Harris at (312) 886-2884.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Kevin M. Pierard".

Kevin M. Pierard, Chief  
Minnesota/Ohio Technical Enforcement Section  
RCRA Enforcement Branch

PRC Environmental Management, Inc.  
233 North Michigan Avenue  
Suite 1621  
Chicago, IL 60601  
312-856-8700  
Fax 312-938-0118



**PRELIMINARY ASSESSMENT/  
VISUAL SITE INSPECTION**

**ACME REFINING SCRAP IRON  
& METAL COMPANY  
CHICAGO, ILLINOIS  
ILT 180 014 839**

**FINAL REPORT**

**Prepared for**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Waste Programs Enforcement  
Washington, DC 20460**

Work Assignment No.	:	C05087
EPA Region	:	5
Site No.	:	ILT 180 014 839
Date Prepared	:	March 2, 1993
Contract No.	:	68-W9-0006
PRC No.	:	009-C05087-IL3K
Prepared by	:	Resource Applications, Inc. (Tony Dominic)
Contractor Project Manager	:	Shin Ahn
Telephone No.	:	(312) 856-8700
EPA Work Assignment Manager	:	Kevin Pierard
Telephone No.	:	(312) 886-4448

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- A EPA PRELIMINARY ASSESSMENT FORM 2070-12
- B VISUAL SITE INSPECTION SUMMARY AND PHOTOGRAPHS
- C VISUAL SITE INSPECTION FIELD NOTES

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# EXECUTIVE SUMMARY

Resource Applications, Inc. (RAI) performed a preliminary assessment and visual site inspection (PA/VSI) to identify and assess the existence and likelihood of releases from solid waste management units (SWMU) and other areas of concern (AOC) at the ACME Refining Scrap Iron & Metal Company (ACME) facility in Chicago, Illinois. This summary highlights the results of the PA/VSI and the potential for releases of hazardous wastes or hazardous constituents from SWMUs and AOCs identified. In addition, a completed U.S. Environmental Protection Agency (EPA) Preliminary Assessment Form (EPA Form 2070-12) is included in Attachment A to assist in prioritization of RCRA facilities for corrective action.

The ACME facility is currently a storage area for bins, trailers, and heavy equipment. The facility is inactive and does not presently generate or manage any waste streams. The facility has operated at its current location since 1979. The facility occupies 0.287 acre in an industrial and commercial area and employs an unknown number of people. The facility's regulatory status is that of a treatment, storage, or disposal (TSD) facility.

The ACME facility was developed and started operating as a metal recycling facility on February 1, 1979. The facility history prior to February 1, 1979, is not known. The facility was found to fall under RCRA regulations during a United States Environmental Protection Agency (U.S. EPA) South Chicago Investigation on June 18, 1980 for storage of hazardous solvent, corrosive, and plating bath waste in containers. ACME filed a Part A permit application on November 19, 1980 for storage of hazardous waste in containers. On December 10, 1980, ACME applied for a permit to develop a waste management facility. On March 17, 1981, the Illinois Environmental Protection Agency (IEPA) granted ACME Development Permit Number 1981-10-DE for the development of a hazardous waste management facility. On July 9, 1982, ACME submitted a modified Development Permit application. The supplemental permit was granted by IEPA on July 23, 1982.

On October 1, 1982 Chemisphere Incorporated (Chemisphere) purchased the facility from ACME. On April 13, 1983, IEPA complied with Chemisphere's permit transfer request and issued an amended Development Permit Number 1981-10-DE to Chemisphere.

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On June 14, 1983, ACME filed a lawsuit against Chemisphere. The lawsuit was filed because Chemisphere refused to pay the balance of money it owed ACME when the facility was purchased in 1982. As of February 28, 1984, the facility had not been developed according to Permit Number 1981-10-DE.

A PA of the ACME facility was performed by IEPA on August 16, 1984. The PA gave the facility a low priority for inspection. It also recommended that the Field Investigation Team (FIT) contractor perform a Screening Site Inspection (SSI) with soil samples at the ACME facility.

FIT performed a SSI on August 20, 1985. The SSI report was submitted to EPA on March 11, 1986. On-site soil sample results indicated that the soil was contaminated with toluene, chlorobenzene, 4,4'-DDT, phenol, and Aroclors 1248 and 1254. These organic compounds were found to be significantly above the Contract Laboratory Program (CLP) standard detection limits.

The Illinois Secretary of State's Corporate Division dissolved Chemisphere on April 1, 1987; ACME reacquired the property at 829 West 22nd Place from the Probate Court of Cook County in January 1992.

The PA/VSI identified the following SWMU at the facility:

Solid Waste Management Unit

1. Drum Storage Area

No Areas of Concern were identified at the ACME facility.

There is a low potential for a release from SWMU 1 to the ground water. The organic compounds toluene, chlorobenzene, 4,4'-DDT, phenol, and Aroclors 1248 and 1254 were found in the on-site soil samples of the FIT SSI. The soil at the ACME facility area consists of clayey, glacial drift. This type of soil would serve to minimize the potential for release to the ground water by minimizing contaminant migration into the ground water by percolation. Ground water is not used as a source of drinking water in the ACME facility area. Drinking water is obtained from Lake Michigan in this area.



There is a low potential for release from SWMU 1 to surface water. The south branch of the Chicago River is 528 feet south of the ACME facility. Interfering buildings, cross streets, and the Chicago Metropolitan Water Reclamation District (CMWRD) storm sewers, servicing the streets adjacent to the facility, would prevent any direct overland surface water migration. There is a very low potential for any ground water to surface water migration. The depth to ground water in the facility area is relatively shallow, but the soil is composed of a clayey glacial drift. Surface water from Lake Michigan is used for drinking water within the ACME facility area.

There is no potential for a release of hazardous constituents to the air. This is due to the fact that most of the surrounding area is covered by buildings, pavement, or at least by sparse vegetative growth, that serve to limit spreading of the contaminants found in on-site soils to the air or contiguous off-site areas. The past potential for release of hazardous constituents to the air is not known.

There has been a documented release to on-site soils. During the FIT SSI of the ACME facility, five on-site soil samples were collected. These on-site soil samples were found to contain toluene, chlorobenzene, 4,4'-DDT, phenol, and Aroclors 1248 and 1254. Also, during the VSI, RAI observed a black substance on the ground next to the south fence. The nature of this substance is unknown. The ACME facility is poorly fenced and migration of on-site contaminants to contiguous off-site soils is possible via surface water runoff, humans, or animals.

The endangered species, piping plover (*Charadrius melodus*), could have habitats near the facility area. The bird is endangered in Great Lakes drainage areas and has a habitat along lakeshores and beaches in Lake and Cook Counties. The Chicago River connects with Lake Michigan. The flow rate of the Chicago River varies greatly with the water level of Lake Michigan. If contaminants migrated from the facility to surface water the habitat of this endangered avian, *Charadrius melodus*, could be affected. There are no other sensitive environments, besides potential piping plover habitats, within 2 miles of the facility. There are no wetlands within 2 miles of the facility area. The distance to the nearest residence is greater than one quarter mile north of the facility. The nearest school, Walsh School, is located about 0.5 mile north of the facility.

RAI recommends that further on-site soil sampling be conducted at this facility. These samples are needed to better characterize hazardous constituents in soils at the ACME facility and to

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determine the area potentially contaminated by past practices. The exact location of hazardous waste storage within the ACME facility is not known. RAI also recommends that the waste characteristics of the drums in the red trailer be determined so that they can be removed for recycling or disposal. RAI also recommends that a fence be constructed around the facility that would prevent access by unauthorized individuals.

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## 1.0 INTRODUCTION

PRC Environmental Management, Inc. (PRC) received Work Assignment No. C05087 from the U.S. Environmental Protection Agency (EPA) under Contract No. 68-W9-0006 (TES 9) to conduct preliminary assessments (PA) and visual site inspections (VSI) of hazardous waste treatment and storage facilities in Region 5. Resource Applications, Inc. (RAI), TES 9 team member, provided the necessary assistance to complete the PA/VSI activities for the ACME Refining Scrap Iron and Metal Company.

As part of the EPA Region 5 Environmental Priorities Initiative, the RCRA and CERCLA programs are working together to identify and address RCRA facilities that have a high priority for corrective action using applicable RCRA and CERCLA authorities. The PA/VSI is the first step in the process of prioritizing facilities for corrective action. Through the PA/VSI process, enough information is obtained to characterize a facility's actual or potential releases to the environment from solid waste management units (SWMU) and areas of concern (AOC).

A SWMU is defined as any discernible unit at a RCRA facility in which solid wastes have been placed and from which hazardous constituents might migrate, regardless of whether the unit was intended to manage solid or hazardous waste.

The SWMU definition includes the following:

- RCRA-regulated units, such as container storage areas, tanks, surface impoundments, waste piles, land treatment units, landfills, incinerators, and underground injection wells
- Closed and abandoned units
- Recycling units, wastewater treatment units, and other units that EPA has generally exempted from standards applicable to hazardous waste management units
- Areas contaminated by routine and systematic releases of wastes or hazardous constituents. Such areas might include a wood preservative drippage area, a loading-unloading area, or an area where solvent used to wash large parts has continually dripped onto soils.

An AOC is defined as any area where a release to the environment of hazardous waste or constituents has occurred or is suspected to have occurred on a nonroutine and nonsystematic basis. This includes any area where such a release in the future is judged to be a strong possibility.

The purpose of the PA is as follows:

- Identify SWMUs and AOCs at the facility.
- Obtain information on the operational history of the facility.
- Obtain information on releases from any units at the facility.
- Identify data gaps and other informational needs to be filled during the VSI.

The PA generally includes review of all relevant documents and files located at state offices and at the EPA Region 5 office in Chicago.

The purpose of the VSI is as follows:

- Identify SWMUs and AOCs not discovered during the PA.
- Identify releases not discovered during the PA.
- Provide a specific description of the environmental setting.
- Provide information on release pathways and the potential for releases to each medium.
- Confirm information obtained during the PA regarding operations, SWMUs, AOCs, and releases.

The VSI includes interviewing appropriate facility staff, inspecting the entire facility to identify all SWMUs and AOCs, photographing all visible SWMUs, identifying evidence of releases, initially identifying potential sampling parameters and locations, if needed, and obtaining all information necessary to complete the PA/VSI report.

This report documents the results of a PA/VSI of the ACME Refining Scrap Iron & Metal Company (ACME) facility in Chicago, Illinois. The PA was completed on March 19, 1992. RAI gathered and reviewed information from the U.S. Department of Agriculture (USDA), U.S. Geological Survey (USGS), Federal Emergency Management Agency (FEMA), National Oceanic and Atmospheric Administration (NOAA), Illinois Environmental Protection Agency (IEPA), and from EPA Region 5 RCRA files. The VSI was conducted on March 20, 1992. It included a walk-through inspection of the facility. One SWMU and no AOCs were identified at the facility.

RAI completed EPA Form 2070-12 using information gathered during the PA/VSI. This form is included in Attachment A. The VSI is summarized and 14 inspection photographs are included in Attachment B. Field notes from the VSI are included in Attachment C.

## **2.0 FACILITY DESCRIPTION**

This section describes the facility's location, past and present operations (including waste management practices), waste generating processes, history of documented releases, regulatory history, environmental setting, and receptors.

### **2.1 FACILITY LOCATION**

The ACME facility is located at 829 W. 22nd Place in Chicago, Cook County, Illinois (latitude 40°51'40" N and longitude 087°38'45" W), as shown in Figure 1. The facility occupies 0.287 acre in an industrial and commercial area.

The ACME facility is bordered on the north by 22nd Place and the Colonial Plywood Company, on the west by the Colonial Plywood Company, on the south by a vacant lot and a pile of soil, and on the east by Halsted Street.

### **2.2 FACILITY OPERATIONS**

The ACME facility has been used for the storage of trailers, heavy equipment, and large steel bins since it was reacquired by ACME in January 1992.

The ACME facility was developed as a metal recycling facility after ACME acquired the facility on February 1, 1979 (IEPA, 1981a). The facility history prior to February 1, 1979, is not known. The facility was found to fall under RCRA regulations during an EPA South Chicago Investigation on June 18, 1980 (IEPA, 1981a). Most of ACME's business consisted of metal recycling. However, ACME also accepted spent solvents as a service to its customers (ACME, 1980a). These hazardous wastes were transported by ACME to their facility. The trucks used for the transportation of hazardous wastes were stored at the ACME facility at 17 North May Street.

ACME filed a Part A Permit application on November 19, 1980 (ACME, 1980a). On December 10, 1980, ACME applied for a permit to develop a waste management facility (ACME, 1980b). On March 17, 1981, the IEPA granted ACME Development Permit Number 1981-10-DE





for the development of a hazardous waste management facility (IEPA, 1981b). At that time, ACME was already accepting hazardous wastes for storage at this facility. The entire facility may have been used for hazardous waste storage. The exact area of hazardous waste storage is not known.

On October 1, 1982, Chemisphere purchased the facility from ACME (Chemisphere, 1982). IEPA amended Development Permit Number 1981-10-DE and transferred it to Chemisphere (Chemisphere, 1983; IEPA, 1983). On July 9, 1982, ACME submitted a modified Development Permit application (ACME, 1982b; Montgomery, Dale and Associates, 1982). The supplemental permit was granted by IEPA on July 23, 1982 (IEPA, 1982).

On June 14, 1983, ACME filed a lawsuit against Chemisphere for the remaining money that Chemisphere owed ACME for the sale of the facility in 1982 (Bryant, 1983).

The Illinois Secretary of State's Corporate Division dissolved Chemisphere on April 1, 1987. ACME reacquired the property from the Probate Court of Cook County in January 1992. At the time of the VSI, the facility had not been developed in accordance with Development Permit 1981-10-DE. The facility has operated at its current location since 1979 and employs an unknown number of people. The facility consists of 0.287 acre of land. The facility has no buildings currently on facility. There was a building along the far west side of the facility. It is not known when this building was constructed. The building was demolished prior to the Field Investigation Team (FIT) Screening Site Inspection (SSI) (E&E, 1986). The facility SWMU is identified in Table 1. The facility layout, including SWMU location, is included as Figure 2.

## **2.3 WASTE GENERATING PROCESSES**

There were no waste streams generated at the ACME facility. When the facility was operated by ACME and Chemisphere, hazardous wastes were stored in containers on site from off-site generators. ACME and Chemisphere stored these wastes until approximately 3,600 gallons of each waste stream listed on the Part A Permit applications had accumulated. The wastes were then disposed of via a licensed waste hauler or sold to a treatment facility. The RCRA Part A permit application filed by ACME on November 19, 1980, listed RCRA waste codes D001, D002, F001, F002, F003, F004, F005, K049, K051, K078 being accepted for storage at this facility

**TABLE 1**  
**SOLID WASTE MANAGEMENT UNITS (SWMU)**

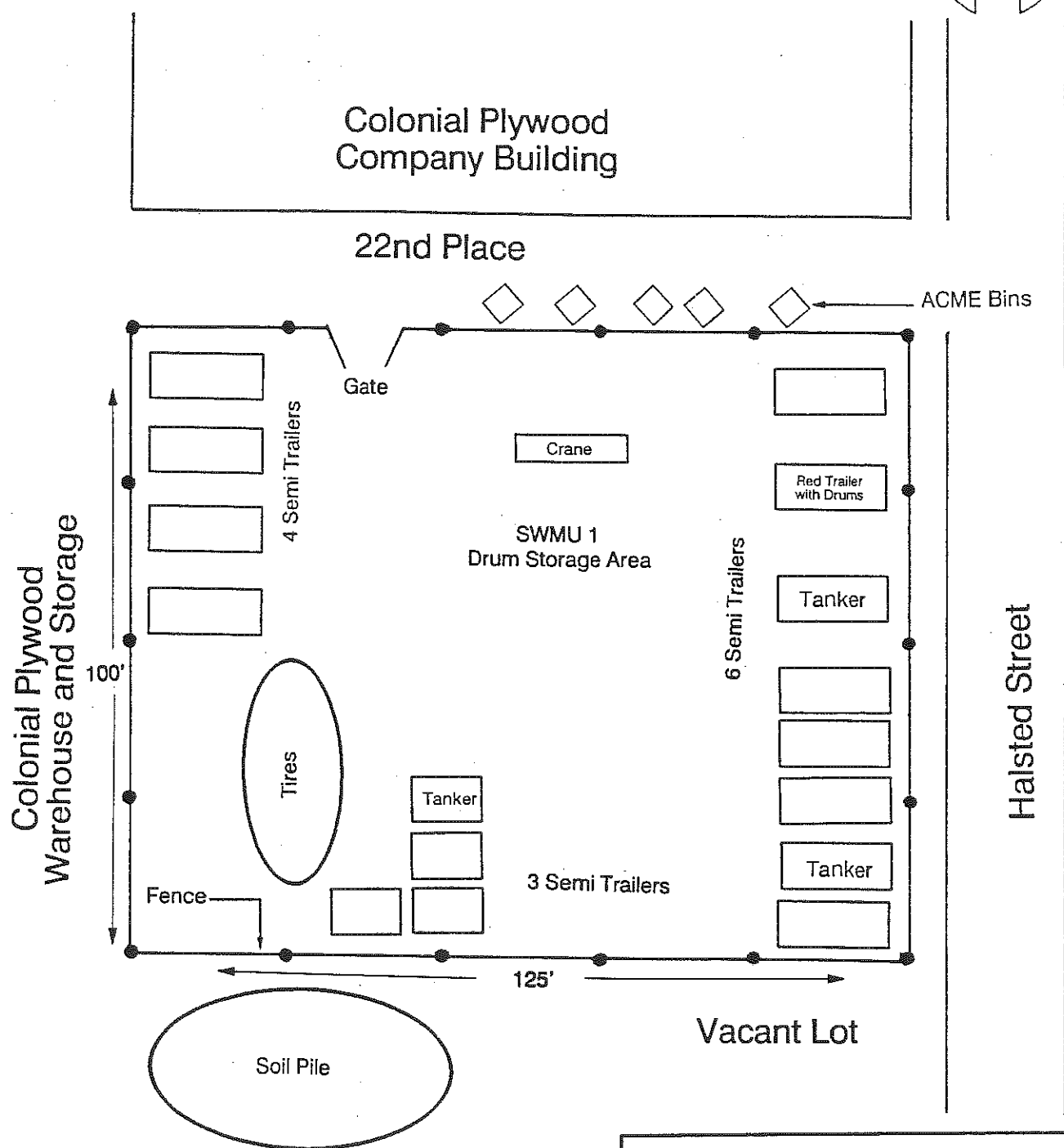
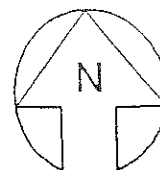
<u>SWMU Number</u>	<u>SWMU Name</u>	<u>RCRA Hazardous Waste Management Unit*</u>	<u>Status</u>
1	Drum Storage Area	Yes	Inactive; it is not known when the facility stopped storing hazardous wastes.


---

Note:

\* A RCRA hazardous waste management unit is one that currently requires or formerly required submittal of a RCRA Part A or Part B permit application.

---



ACME Refining Scrap Iron and Metal Company Chicago, Illinois
Figure 2 FACILITY LAYOUT/SWMU LOCATION
Scale: 1" = 25' Source: Modified from ACME, 1980a
 Resource Applications, Inc.



(ACME, 1980a). In a letter to the U.S. EPA dated April 28, 1982, ACME added RCRA waste codes F008, F009, F017, U002, U112, U154, U159, U210, U220, U228, U236, U239 (ACME, 1982a). In the letter it was also stated that a maximum of 31,200 tons of each waste stream might be stored on site at any time. This is mathematically improbable, because, 31,200 tons of each RCRA waste code is approximately 7,800,000 gallons, or approximately 141,800 drums of each waste. This April 28, 1982 letter stated that there were 23 RCRA waste categories being accepted at this facility (ACME, 1982a). That would mean that there was a maximum storage capacity of 179,400,000 gallons or 3,261,000 drums of waste. This is a mathematical and physical improbability considering that the facility is 0.287 acre in size. It is likely that the original figure of 31,200 total gallons reported on the November 18, 1980 Part A permit application is more accurate than the revised figure submitted on April 28, 1982. Chemisphere submitted a Notification of Hazardous Waste Activity for this facility on September 19, 1985 (Chemisphere, 1985). This notification listed RCRA waste codes F001, F002, F003, F004, F005, K049, K051, K078. Wastes previously stored at the facility are summarized in Table 2.

## **2.4 HISTORY OF DOCUMENTED RELEASES**

This section discusses the history of documented releases to ground water, surface water, air, and on-site soils, at the ACME facility.

The Ecology and Environment, Inc. (E and E) Field Investigation Team (FIT) performed a Screening Site Inspection (SSI) on August 20, 1985 (E and E, 1986). The SSI report was submitted on March 11, 1986. Five on-site soil samples were taken during the SSI. On-site soil samples were found to contain toluene at 12 milligrams per kilogram (mg/kg), chlorobenzene at 41 mg/kg, 4,4'-DDT at 1,200 mg/kg, phenol at 7,400 mg/kg, Aroclor 1248 at 4,200 mg/kg, and Aroclor 1254 at 2,300 mg/kg (E and E, 1986). These compounds are well above the Contact Laboratory Programs (CLP) standard detection limits. There has been no remediation of the facility area. Also, during the VSI, RAI observed a black substance on the ground next to the south fence. The nature of this substance is unknown.

**TABLE 2**  
**SOLID WASTES**

<u>Waste/EPA Waste Code</u>	<u>Source</u>	<u>Primary Management Unit*</u>
Ignitable Liquids/D001	Off-site generators	1
Corrosives/D002	Off-site generators	1
Chlorinated Solvents/F001, F002	Off-site generators	1
Nonchlorinated Solvents/F003, F004, F005, K049, K051	Off-site generators	1
Paint Manufacturing Solvents/K078	Off-site generators	1
Stripping Solutions With Cyanide From Electroplating/F009	Off-site generators	1
Paint Wastes/F017	Off-site generators	1
Acetone/U002	Off-site generators	1
Ethyl Acetate/U112	Off-site generators	1
Methanol/U154	Off-site generators	1
2-Butanone/U159	Off-site generators	1
Tetrachloroethene/U210	Off-site generators	1
Toluene/U220	Off-site generators	1
Trichloroethene/U228	Off-site generators	1
Trypan Blue/U236	Off-site generators	1
Xylene/U239	Off-site generators	1

Note:

\* Primary management unit refers to a SWMU that currently manages or formerly managed the waste.

The ACME facility submitted a RCRA Part A permit application on November 19, 1980 (ACME, 1980a). This application listed the following process codes and capacities: storage in containers (S01) at 2,600 gallons per year. The application listed the following wastes: D001, D002, F001, F002, F003, F004, F005, K049, K051, K078 (ACME, 1980a).

In a letter to the EPA dated April 28, 1982 ACME added RCRA waste codes F008, F009, F017, U002, U112, U154, U159, U210, U220, U228, U236, U239 (ACME, 1982a). Also in this letter it was stated that a maximum of 31,200 tons of each waste stream might be stored on site at any time. This is improbable, because, 31,200 tons of each RCRA waste code is approximately 7,800,000 gallons, or approximately 141,800 drums of each waste. This April 28, 1982 letter stated that there were 23 RCRA waste categories being accepted at this facility. That would mean that there was a maximum storage capacity of 179,400,000 gallons or 3,261,000 drums of waste. This is a mathematical and physical improbability considering that the facility is 0.287 acre in size. It is likely that the original figure of 31,200 total gallons reported on the November 18, 1980 Part A permit application is more accurate than the revised figure submitted on April 28, 1982 (ACME, 1980a, 1982a). Chemisphere acquired the facility in 1982 and submitted a Notification of Hazardous Waste Activity for this facility on September 19, 1985.

This notification listed RCRA waste codes F001, F002, F003, F004, F005, K049, K051, K078 (Chemisphere, 1985). A formal closure plan was never submitted. Neither the EPA nor IEPA has approved closure. The facility is a treatment, storage, or disposal (TSD) facility according to the last Notification of Hazardous Waste Activity filed on September 19, 1985 by Chemisphere (Chemisphere, 1985). The ACME facility has not requested a withdrawal of its Part A permit application, but it has not submitted a Part B permit application nor was it granted interim status by the IEPA.

In the past, ACME has had RCRA compliance problems. The EPA filed a lawsuit against ACME on June 20, 1980 (IEPA, 1981a). As a result ACME removed all special and hazardous wastes from the facility. Prior to the removal of the wastes ACME had been using the facility as a non-permitted storage area for wastes generated off site. On October 17, 1980, IEPA conducted a

RCRA manifest inspection (IEPA, 1980). The inspection noted that there were four instances of special waste shipments without proper manifest. As a result of the lawsuit on December 10, 1980, ACME applied for and later received Development Permit Number 1981-10-DE for the development of a hazardous waste management facility (ACME, 1980b; IEPA, 1981b). Errors on the manifest were noted during a manifest compliance inspection conducted on September 1, 1981 (IEPA, 1980).

A Preliminary Assessment (PA) of the ACME facility was performed by IEPA on August 16, 1984 (IEPA, 1984). The PA gave the facility a low priority for inspection. It also recommended that the Field Investigation Team (FIT) contractor perform a Screening Site Inspection (SSI) with soil samples at the ACME facility.

E and E FIT performed a SSI on August 20, 1985 (E and E, 1986). The SSI report was submitted on March 11, 1986. On-site soil sample results indicated that the soil was contaminated with toluene, chlorobenzene, 4,4'-DDT, phenol, and Aroclors 1248 and 1254. These organic compounds were found to be significantly above the Contract Laboratory Programs (CLP) standard detection limits.

The facility is not required to have operating air permits. The facility does not have a history of air permit compliance problems. The facility has no history of odor complaints from area residents.

The facility is not required to have a National Pollutant Discharge Elimination System (NPDES) permit. There are no storm sewers on site. The PA/VSI identified no records of underground storage tanks at the facility.

## **2.6 ENVIRONMENTAL SETTING**

This section describes the climate, flood plain and surface water, geology and soils, and ground water in the vicinity of the ACME facility.



### **2.6.1 Climate**

The ACME facility is located at 829 West 22nd Place on the south side of the city of Chicago. It is approximately 5 miles northeast of Midway Airport, the location of the nearest U.S. National Weather Service Office. With no significant topographical barriers to airmass flow, the climate in the area is typically continental with cold winters, warm summers, and frequent short-period fluctuations in temperature, humidity, cloudiness, and wind direction (Ruffner, 1985). The average annual daily temperature is 49.9°F. The lowest average monthly minimum temperature of 17.4°F occurs in January and the highest average monthly maximum temperature of 81.0°F occurs in July. The prevailing wind direction is from the west, and the average wind speed is 10.4 miles per hour. Average annual precipitation, as a water equivalent, is 34.44 inches. Average annual net precipitation is 4.44 inches (USDC, 1968). In winter, about one-half of the precipitation (10 percent of the annual total) falls as snow. During the fall, winter, and spring, the pattern of precipitation tends to be more uniform both over time and distance, whereas in summer, rainfall is often locally heavy and variable. The 1-year, 24-hour maximum rainfall recorded in the area over a 34-year period is 6.24 inches (Ruffner and Bair, 1985).

### **2.6.2 Flood Plain and Surface Water**

The ACME facility is not located in a 500-year flood plain (FEMA, 1983). The nearest surface water body, Chicago River, is located 528 feet south of the facility and is used for industrial and recreational purposes. This surface water body discharges to Lake Michigan or the Chicago Sanitary and Ship Canal, depending on the water level. Surface water drainage at the facility is to the south toward the south branch of the Chicago River.

### **2.6.3 Geology and Soils**

No site-specific soil information was available, thus, regional information is discussed here. The facility area is underlain by a soil complex known as the Urban land-Markham-Ashkum. Urban land comprises more than 75 percent of this complex and consists of soils that have been cut, graded, and filled and that are obscured by buildings and pavements. The Markham soil series consists of deep, poorly drained soils with moderate to low permeability. They consist of a thin layer of silty

material and an underlying silty clay loam glacial till. The Ashkum series consists of deep, poorly drained soils with moderate to low permeability. They consist of a thin layer of silty material and an underlying silty clay loam till. The Ashkum soils occur in low lying areas on till plains or moraines, while the Markham soils occur more frequently in upland areas. Water carrying capacity and permeability varies from location to location as a result of construction activity. Run-off is medium to very rapid, depending on the slope (USDA, 1979).

Soils in the Chicago area have developed over the past 13,500 years through weathering of the immediately underlying glacial deposits left behind, for the most part, by retreating Wisconsin-age glaciers. In the vicinity of the facility, these glacial deposits take the form of a gray, clayey till containing pebble and smaller-sized black shale particles. Approximately 100 feet of till overlie the uppermost bedrock unit of the Silurian age. Formations in the Chicago area of Silurian age are almost entirely dolomite, whose composition ranges from extremely argillaceous, silty and cherty to exceptionally pure. In the vicinity of the facility, Silurian age bedrock is about 250 feet thick. Beneath the Silurian dolomite are successively older rocks of Ordovician and Cambrian age. Within each of these two systems are distinctive sandstone formations which serve as major aquifer systems in the Chicago area. The base of the Cambrian bedrock is in contact with the crystalline Pre-Cambrian basement at an inferred depth of 4,000 feet (Willman, 1971).

#### 2.6.4 Ground Water

No site-specific ground water information was available. The following is a discussion of the general area around the ACME facility. In northeastern Illinois, ground water is obtained from four major aquifer systems: the glacial drift system, the shallow bedrock system, and two deep bedrock systems. They are distinguished by their hydrologic properties and recharge source areas (Hughes, et al., 1966). In central Cook County, the glacial drift is thin, and sand and gravel deposits are correspondingly thin or absent. Here shallow deposits are mainly fine-grained or silty, and virtually all drilled wells penetrate solid bedrock for ground water supplies (Bergstrom, et al., 1955). The shallow bedrock aquifer system in the vicinity of the facility underlies the glacial drift system and comprises the Silurian dolomite formations and underlying late-Ordovician shales. The upper boundary of this system is the top of the bedrock, and the lower boundary is the top of a sequence of formations of middle-Ordovician age called the Galena-Platteville dolomite. Water from this aquifer

is obtained from fractures and solution openings in the Silurian dolomite beds. As a result, individual well yields vary widely, depending upon the water volume present in the drilled openings. Recharge is attained by percolation of local precipitation through the overlying glacial drift and/or permeable materials within the drift sequence itself (Hughes, et al., 1966). The shallow bedrock system can serve as a source for domestic, industrial, and municipal water supplies. Domestic wells usually obtain water from the upper 15 feet to 75 feet of the dolomite, while wells serving municipalities and industries generally penetrate 50 feet to 250 feet into the dolomite (Bergstrom, et al., 1955).

The deep bedrock aquifer systems include the Cambrian-Ordovician aquifer system and the Mt. Simon aquifer system. The former comprises the Glenwood and St. Peter formations of the middle Ordovician series and the Ironton and Galesville Sandstone formations of late Cambrian age. The top of the Cambrian-Ordovician aquifer is at the top of or within the Galena-Platteville dolomite, which serves as the lower boundary for the shallow bedrock aquifer system. In the facility locale, the contact between the Galena-Platteville formations and the Glenwood formation occurs at a depth of about 800 feet below the ground surface. The bottom of the Cambrian-Ordovician aquifer system is located in the impermeable shales and dolomites of the upper and middle parts of the Cambrian Eau Claire formation, at a depth of about 1,400 feet below the ground surface. Thus, this aquifer system spans a thickness of 600 feet (Hughes, et al., 1966).

Within the Cambrian-Ordovician aquifer system, the Glenwood-St. Peter sandstone unit is widely utilized as an aquifer where water requirements are less than 200 gallons per minute (gpm). This unit has a permeability of approximately 15 gallons per day per square foot (gpd/sq. ft.). The Ironton-Galesville sandstone unit is the major production unit in the Cambrian-Ordovician aquifer because it has the most consistent permeability (35 gpd/sq. ft.) and thickness (200 ft.) of the aquifers in northeastern Illinois (Hughes, et al., 1966).

Recharge to the Cambrian-Ordovician aquifer system is mostly from western McHenry, Kane, and Kendall counties where the rocks crop out at the surface or lie immediately below the glacial drift. Additional recharge occurs directly from leakage of precipitation downward through the shallow bedrock aquifer system.

The second deep bedrock aquifer system, the Mt. Simon aquifer, is situated on top by the relatively impermeable shales and dolomites of the upper and middle parts of the Eau Claire formation. These units function as an aquitard. Water in the Mt. Simon aquifer is about 1,750 feet beneath the ground surface. Although the Mt. Simon sandstone is nearly 2,000 feet thick, only the uppermost 275 feet of sandstone yield potable water because, below that depth, the water is too highly mineralized for most purposes (Hughes, et al., 1966). The average permeability of the Mt. Simon aquifer system is approximately 16 gpd/sq. ft. (Hughes, et al., 1966) and recharge is largely from the outcrop region of Cambrian rocks in central southern Wisconsin (Willman, 1971). Ground water flow in the vicinity of the facility is towards the south (USGS, 1980).

## **2.7 RECEPTORS**

The ACME facility occupies 0.287 acre in an industrial and commercial area in Chicago, Illinois. Chicago has a population of about 3 million.

The ACME facility is bordered on the north by 22nd Place and the Colonial Plywood Company, on the west by the Colonial Plywood Company, on the south by a vacant lot and a pile of soil, and on the east by Halsted Street (USGS, 1980). The nearest school, Walsh School, is located about 0.5 mile north of the facility. The nearest residence is greater than one quarter mile north of the facility. Facility access is controlled by a poorly maintained wire and chain-link fence.

The nearest surface water body, the south branch of the Chicago River, is located 528 feet south of the facility and is used for industrial purposes. General topography is flat and has a slight slope toward the east (USGS, 1980). The surface water flow is into the south branch of the Chicago River. Lake Michigan is the source of water for Chicago; consequently, there are no ground water wells in the vicinity. The ACME facility is served by the Chicago Metropolitan Water Reclamation District (CMWRD) water and sewer system.

Sensitive environments are not located at the facility. The endangered species, piping plover (*Charadrius melodus*), could have habitats near the facility area (USDI, 1989). The bird is endangered in Great Lakes drainage areas and has a habitat along lakeshores and beaches in Lake and Cook Counties. The Chicago River connects with Lake Michigan. The flow rate of the Chicago



River varies greatly with the water level of Lake Michigan. If contaminants migrated from the facility to surface water, the habitat of this endangered avian, *Charadrius melodus*, could be affected. No other sensitive species and no wetlands are located within 2 miles of the facility.

### 3.0 SOLID WASTE MANAGEMENT UNITS

This section describes the one SWMU identified during the PA/VSI. The following information is presented for the SWMU: description of the unit, dates of operation, wastes managed, release controls, history of documented releases, and RAI observations. Figure 2 shows the SWMU location.

#### SWMU 1

#### Drum Storage Area

**Unit Description:** The Drum Storage Area is located outdoors, at 829 West 22nd Place. The unit is currently used by ACME as a storage area for bins, heavy equipment, and semi-trailers. Previously, this unit was used as a storage area for hazardous and special wastes. The waste were stored on the ground with inadequate containment. The unit currently contains five storage bins which are approximately 10 cubic yards (yd<sup>3</sup>) each. It is not known what the bins are (or were) storing. The unit also contains one crane, 13 semi-trailers, three semi-tankers, and a pile of tires and debris. The unit, potentially the entire facility, is approximately 12,500 square feet (0.287 acre). The unit has no buildings and mostly consists of compacted soil with sparse vegetation. The unit is surrounded by a fence which is 5 feet tall, and constructed of chain-link, wire, and barbed wire. The unit has no floor drains (see Photographs No. 1 through 14).

**Date of Startup:** This unit began operation as ACME on February 1, 1979.

**Date of Closure:** This unit is inactive. It is not known when this unit ceased storing hazardous wastes.

**Wastes Managed:** This unit no longer manages wastes. In the past it had managed Ignitable Liquids (D001), Corrosives (D002), Chlorinated Solvents (F001, F002), Nonchlorinated Solvents (F003, F004, F005, K049,

K051), Paint Manufacturing Solvents (K078), Stripping Solutions with Cyanide From Electroplating (F009), Paint Wastes (F017), Acetone (U002), Ethyl Acetate (U112), Methanol (U154), 2-Butanone (U159), Tetrachloroethene (U210), Toluene (U220), Trichloroethene (U228), Trypan Blue (U236), and Xylene (U239).

Release Controls:

The unit is surrounded by a 5-foot-high fence. The unit has no secondary containment.

History of Documented Releases:

The following release has been documented: In 1985, E and E FIT performed a SSI at ACME. The SSI determined that on-site soils were contaminated with toluene, chlorobenzene, 4,4'-DDT, phenol, and Aroclors 1248 and 1254.

Observations:

The unit contained five 10-yd<sup>3</sup> storage bins, 13 semi-trailers, and three semi-tankers, and a pile of tires and debris during the VSI. One of the trailers was found to contain some empty drums and some drums containing unknown substances. RAI observed a black unknown substance on the ground (see Photograph No. 5).

#### **4.0 AREAS OF CONCERN**

RAI identified no AOCs during the PA/VSI. SWMU 1, consisting of the entire facility, is inactive. There are no hazardous wastes currently being managed at the facility.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

The PA/VSI identified one SWMU and no AOCs at the ACME facility. Background information on the facility's location, operations, waste generating processes, history of documented releases, regulatory history, environmental setting, and receptors is presented in Section 2.0. SWMU-specific information, such as the unit's description, dates of operation, wastes managed, release controls, history of documented releases, and observed condition, is presented in Section 3.0. AOCs are discussed in Section 4.0. Following are RAI's conclusions and recommendations for the SWMU. Table 3 summarizes the SWMU at the ACME facility and recommended further actions.

### SWMU 1 Drum Storage Area

**Conclusions:** There is a low potential for a release from the SWMU to ground water. The organic compounds toluene, chlorobenzene, 4,4'-DDT, phenol, and Aroclors 1248 and 1254 were found in the on-site soil samples taken during the SSI conducted by the E and E FIT. The contaminants could migrate into the ground water by percolation through the soil. Ground water is not used for drinking water in the ACME facility area. Drinking water is obtained from Lake Michigan in this area.

There is also a low potential for release from the SWMU to surface water. The south branch of the Chicago River is 528 feet south of the ACME facility. Interfering buildings, cross streets, and the CMWRD sewer system would prevent any direct surface water migration. There is a low potential for any ground water to surface water migration. The depth to ground water in the facility area is relatively shallow, but the soil is composed of a clayey glacial drift. The city of Chicago uses water from Lake Michigan for its drinking water supply.

RELEASED  
DATE 11/7/02  
RIN #           
INITIALS mv



ENFORCEMENT  
CONFIDENTIAL

TABLE 3  
SWMU SUMMARY

<u>SWMU</u>	<u>Dates of Operation</u>	<u>Evidence of Release</u>	<u>Recommended Further Action</u>
1. Drum Storage Area	1979 to unknown	FIT SSI on August 20, 1985 found soil contamination on site.	Perform on-site soil sampling to characterize the extent of contamination. Also waste characterization of drum contents should be performed.

RELEASED

DATE

RIN #

INITIALS

1/7/02

mv

There is no potential for a release of hazardous constituents to the air. This is due to the fact that most of the surrounding area is covered by buildings, pavement, or at least by sparse vegetative growth that would serve to limit the migration of the contaminants found in on-site soils to contiguous off-site areas. Also, there are no wastes stored out in the open. The past potential for release of hazardous constituents to the air is not known.

There has been a documented release to on-site soils. During the E and E FIT SSI of the ACME facility, five on-site soil samples were collected. These on-site soil samples were found to contain toluene, chlorobenzene, 4,4'-DDT, phenol, and Aroclors 1248 and 1254. The ACME facility is poorly fenced and migration of on-site contaminants to contiguous off-site soil is possible via humans or animals.

Recommendations: RAI recommends that further on-site soil sampling be conducted at this facility. These samples are needed to better characterize the wastes present at the ACME facility and to determine the amount of area potentially contaminated by past practices. The exact location of hazardous waste storage within the ACME facility is not known. RAI also recommends that the waste characteristics of the drums in the red trailer be determined so that they can be removed for recycling or disposal. RAI also recommends that a fence be constructed around the facility that would prevent access by unauthorized individuals.

RELEASED  
DATE 1/7/02  
RIN #           
INITIALS mv

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**ATTACHMENT A**

**EPA PRELIMINARY ASSESSMENT FORM 2070-12**





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE IL	02 SITE NUMBER ILT 180 014 839
----------------	-----------------------------------

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) ACME Refining Scrap Iron & Metal Company		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 829 West 22nd Place			
03 CITY Chicago	04 STATE IL	05 ZIP CODE 60607	06 COUNTY Cook	07 COUNTY CODE 031	08 CONG DIST IL-05
09 COORDINATES: LATITUDE 40 51 40.N		LONGITUDE 087 38 45.W			
10 DIRECTIONS TO SITE (Starting from nearest public road) I-90, 94 south, exit at Archer Street, go west to Halsted Avenue, go north across at the Chicago River. Site is on the left (west) side of Halsted.					

III. RESPONSIBLE PARTIES

01 OWNER (if known) Acme Refining Scrap Iron & Metal Company		02 STREET (Business, mailing, residential) 3357 S. Justine			
03 CITY Chicago	04 STATE IL	05 ZIP CODE 60608	06 TELEPHONE NUMBER (312) 523-4500		
07 OPERATOR (if known and different from owner) Acme Refining Scrap Iron & Metal Company		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3010 DATE RECEIVED: 09 / 19 / 85    MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: / /    MONTH DAY YEAR <input type="checkbox"/> C. NONE					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 03 / 20 / 92 <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): Resource Applications, Inc.			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1979    Present    UNKNOWN BEGINNING YEAR    ENDING YEAR			

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED  
Prior to 1985, ignitable liquids (D001), corrosives (D002), chlorinated solvents (F001, F002), nonchlorinated solvents (F003, F004, F005, K049, K051), paint manufacturing solvents (K078), stripping solutions with cyanide from electroplating (F009), paint wastes (F017), acetone (U002), ethyl acetate (U112), methanol (U154), 2-butanone (U159), tetrachloroethene (U210), toluene (U220), trichloroethene (U228), trypan blue (U236), xylene (U239).

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION  
There is a low potential for release of these constituents into ground water and surface water. There is no potential for release to the air. There has been a documented release of hazardous constituents to on-site soils. This contamination could spread to contiguous off-site soils. The federal endangered species piping plover, *Charadrius melodus*, could have habitats near the site area.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents.) <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time-available basis) <input type="checkbox"/> D. NONE (No further action needed; complete current disposition form)			
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--

VI. INFORMATION AVAILABLE FROM

01 CONTACT Kevin Pierard		02 DF (Agency/Organization) EPA Region 5		03 TELEPHONE NUMBER (312) 886-4448	
04 PERSON RESPONSIBLE FOR ASSESSMENT Tony Dominic		05 AGENCY	06 ORGANIZATION Resource Applications, Inc.	07 TELEPHONE NUMBER (312) 332-2230	08 DATE 04 / 21 / 92 MONTH DAY YEAR

**ATTACHMENT B**

**VISUAL SITE INSPECTION SUMMARY AND PHOTOGRAPHS**

## VISUAL SITE INSPECTION SUMMARY

ACME Refining Scrap Iron and Metal Company  
Chicago, Illinois  
ILT 180 014 839

Date: March 20, 1992

Facility Representatives: None

Inspection Team: Tony Dominic, Resource Applications, Inc. (RAI)  
Scott Tajak, RAI  
Alan Supple, RAI

Photographer: Tony Dominic, RAI

Weather Conditions: Overcast, snowy, temperature about 30°F

Summary of Activities: The visual site inspection (VSI) tour began at 9:00 a.m. The tour included SWMU 1 and the surrounding area. RAI noticed that one of the semi-trailers contained empty drums and unidentifiable drums.

The tour concluded at 9:45 a.m. The VSI was completed and the inspection team left the facility at 9:55 a.m.



Photograph No. 1

Location: SWMU 1

Orientation: North

Date: 3/20/92

Description: View along east edge of facility. Note faded red semi-trailer is the one that contains drums.



Photograph No. 2

Location: SWMU 1

Orientation: Northwest

Date: 3/20/92

Description: View of northwest corner of the ACME facility. Note these semi-trailers were all empty.





Photograph No. 3

Orientation: West

Location: SWMU 1

Date: 3/20/92

Description: View of the southwest corner of the facility. Note the Colonial Plywood Warehouse contiguous to the west side of the SWMU.



Photograph No. 4

Orientation: West

Location: SWMU 1

Date: 3/20/92

Description: View along south side of the SWMU. Note the pile of tires and debris.





Photograph No. 5  
Orientation: South  
Description: Note the pile of black substance next to the south fence.

Location: SWMU 1  
Date: 3/20/92



Photograph No. 6  
Orientation: Northwest  
Description: Northwest area of facility. Note crane in the center of the facility.

Location: SWMU 1  
Date: 3/20/92



Photograph No. 7

Orientation: West

Description: View southwest area of facility. Note three semi-trailers and one tanker trailer.

Location: SWMU 1

Date: 3/20/92



Photograph No. 8

Orientation: West

Description: Back doors of faded red trailer that contained drums.

Location: SWMU 1

Date: 3/20/92





Photograph No. 9

Orientation: West

Description: Inside view of red trailer. Note drums in foreground appear to be empty. It is not known if the drums in the background are empty.

Location: SWMU 1

Date: 3/20/92



Photograph No. 10

Orientation: West

Description: Empty drums in faded red trailer.

Location: SWMU 1

Date: 3/20/92



Photograph No. 11

Orientation: West

Description: Empty drum in faded red trailer. Note flammable liquid label.

Location: SWMU 1

Date: 3/20/92



Photograph No. 12

Orientation: West

Description: Empty drum in red trailer. Note label on drum (Isocyanate).

Location: SWMU 1

Date: 3/20/92



Photograph No. 13

Orientation: Southwest

Description: Bins just outside fence of SWMU. Note ACME refining label on bins.

Location: SWMU 1

Date: 3/20/92



Photograph No. 14

Orientation: Southwest

Description: Bins just outside fence of SWMU. Note ACME refining label on bins.

Location: SWMU 1

Date: 3/20/92



**ATTACHMENT C**

**VISUAL SITE INSPECTION FIELD NOTES**

ACHE Refining

March 20, 1992

30°F

Snowy, cloudy

The site has no building on it. Facility representatives did not show up. Allan Supply, Tony Damm and myself had to climb over a gate to inspect the facility. We observed that the ground consists of soil mixed with contamination. At Acme Refining and a half of Acme Refining Co. tanks have drained. It appeared to be a poor quality. One of the tanks contained empty drums and some unusable drums. Also observed was a U.S. Government waste tank.

SPT

3/20/92

①

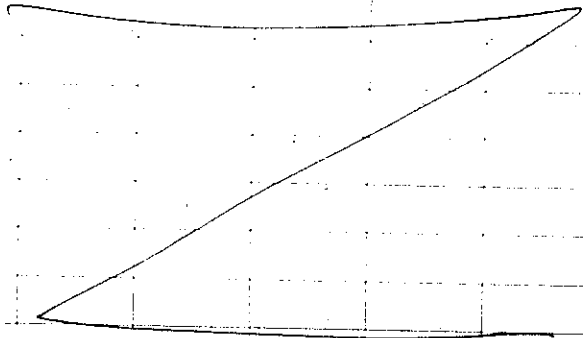
ACHE Refining

License plot # US E-46485.

We observed a black filter-cake-like <sup>SPT 10/10/92 substance</sup> on the ground. Because of the weather conditions we were unable to determine if soil staining was still visible as per this file indication.

Inspection started at 9:00  
Inspection ended at 9:45

The site is gated and fenced.



②

SPT 3/20/92



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

77 WEST JACKSON BOULEVARD

CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

HRE-8J

March 18, 1992

Mr. Larry Baron  
Acme Refining Scrap Iron & Metal Company  
3357 S. Justine  
Chicago, IL 60608-9998

Re: Visual Site Inspection  
Acme Refining Scrap Iron &  
Metal Company  
ILT 180 014 839

Dear Mr. Baron:

The United States Environmental Protection Agency (U.S. EPA) Region V will conduct a Preliminary Assessment including a Visual Site Inspection (PA/VSI) at the referenced facility. This inspection is conducted pursuant to the Resource Conservation and Recovery Act, as amended (RCRA) Section 3007 and the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA) Section 104(e). The referenced facility has generated, treated, stored, or disposed of hazardous waste subject to RCRA. The PA/VSI requires identification and systematic review of all solid waste streams at the facility. The objective of the PA/VSI is to determine whether or not releases of hazardous wastes or hazardous constituents have occurred or are occurring at the facility which may require further investigation. This analysis will also provide information to establish priorities for addressing any confirmed releases.

The visual site inspection of your facility is to verify the location of all solid waste management units (SWMUs) and areas of concern (AOCs) to make a cursory determination of their condition by visual observation. The definitions of SWMUs and AOCs are included in Attachment I. The VSI supplements and updates data gathered during a preliminary file review. During this site inspection, no samples will be taken. A sampling visit to ascertain if releases of hazardous waste or constituents have occurred may be required at a later date.

Assistance of some of your personnel may be required in reviewing solid waste flow(s) or previous disposal practices. The site inspection is to provide a technical understanding of the present and past waste flows and handling, treatment, storage, and disposal practices. Photographs of the facility are necessary to document the condition of the units at the facility and the waste management practices used.

March 17, 1992

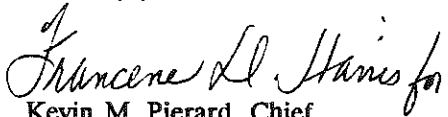
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The VSI has been scheduled for March 20, at 9:00 a.m. The inspection team will consist of Scott Tajak and Alan Supple of Resource Applications, Inc., a contractor for the U.S. EPA. Representatives of the Illinois Environmental Protection Agency (IEPA) may also be present. Your cooperation in admitting and assisting them while on site is appreciated.

The U.S. EPA recommends that personnel who are familiar with the present and past manufacturing and waste management activities be available during the VSI. Access to any relevant maps, diagrams, hydrogeologic reports, environmental assessment reports, sampling data sheets, environmental permits (air, NPDES), manifests and/or correspondence is also necessary, as such information is needed to complete the PA/VSI. Attachment II is a summary of the information required.

If you have any questions, please contact me at (312) 886-4448 or Francene Harris at (312) 886-2884. A copy of the Preliminary Assessment/Visual Site Inspection Report, excluding the conclusions and Executive Summary portion will be sent when the report is available.

Sincerely yours,

  
Kevin M. Pierard, Chief  
OH/MN Technical Enforcement Section

enclosure

cc: John Maher, IEPA  
Larry Eastep, IEPA

## ATTACHMENT I

The definitions of solid waste management unit (SWMU) and area of concern (AOC) are as follows.

A SWMU is defined as any discernable unit where solid wastes have been placed at any time from which hazardous constituents might migrate, regardless of whether the unit was intended for the management of a solid or hazardous waste.

The SWMU definition includes the following:

- RCRA regulated units, such as container storage areas, tanks, surface impoundments, waste piles, land treatment units, landfills, incinerators, and underground injection wells
- Closed and abandoned units
- Recycling units, wastewater treatment units, and other units that U.S. Environmental Protection Agency has generally exempted from standards applicable to hazardous waste management units
- Areas contaminated by routine and systematic releases of wastes or hazardous constituents, such as wood preservative treatment dripping areas, loading or unloading areas, or solvent washing areas

An AOC is defined as any area where a release to the environment of hazardous wastes or constituents has occurred or is suspected to have occurred on a nonroutine or nonsystematic basis. This includes any area where such a release in the future is judged to be a strong possibility.